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ABSTRACT

This eighth edition of "Wisconsin School Buildings" contains basic data and floor plans for each new construction project reported as being completed during 1991-93. It includes 146 projects, 46 of which were new free-standing buildings. A survey of Wisconsin school districts provides evidence of a continuing need in planning for school-building replacement in the state. Over 50 percent of the districts responding reported that they were currently involved in facility planning that might lead to a building project within 5 years. Information is also provided on individual districts' stages in the planning process, the success rates of school building referenda for 1991-93, reasons for the success or failure of such referenda, the types of proposed building projects, and the number approved through referenda. The schools are grouped according to grade level and whether they are new or replacement buildings. Each section includes a floor plan, general information, features, a brief project description, and a contact person. (LMI)

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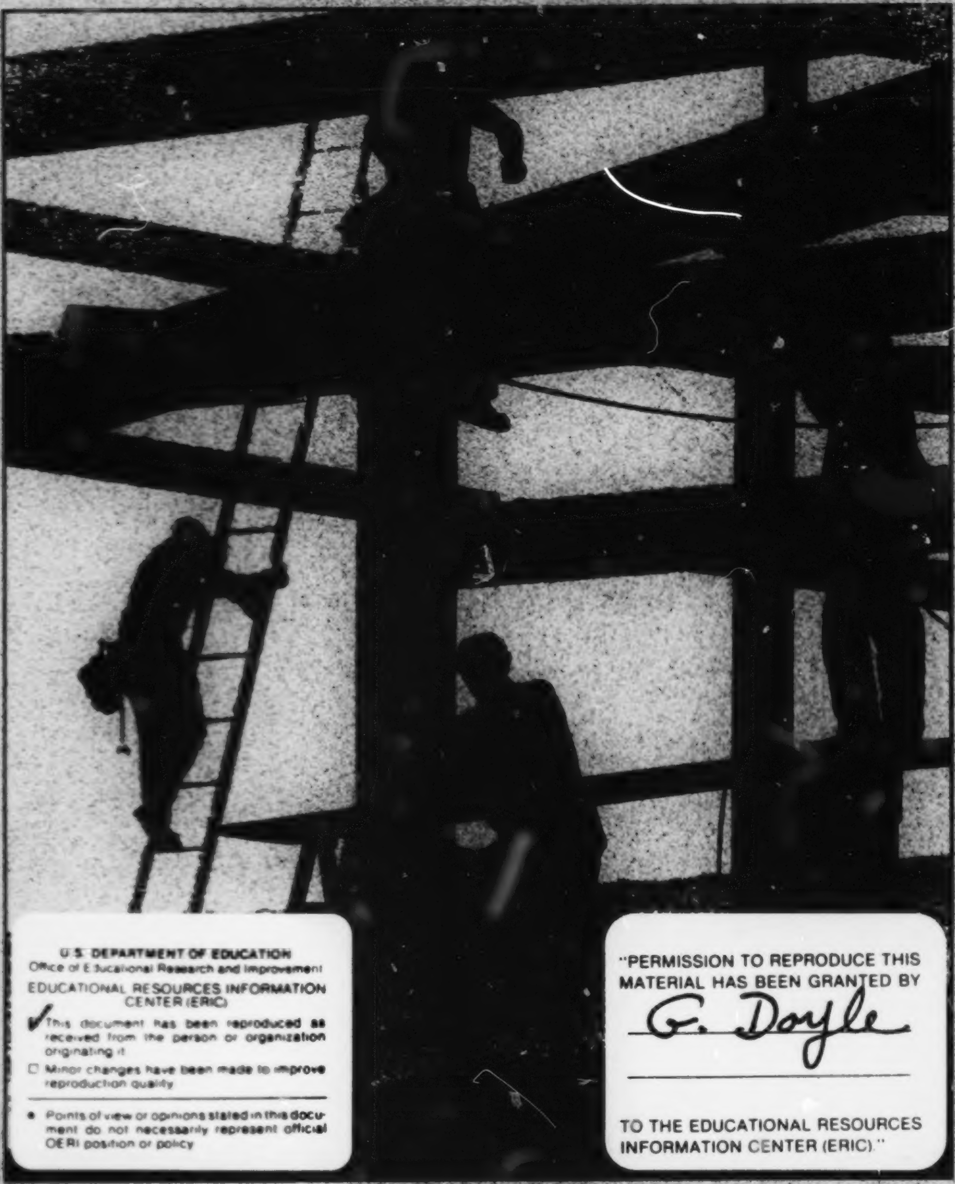
Wisconsin Public School Buildings
1991-1993



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Wisconsin School Buildings

1991 - 1993

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Foreword

This eighth edition of *Wisconsin School Buildings* contains basic data and floor plans for each new construction project reported as being completed in 1991 through 1993. This is intended to serve as a tool for school administrators, school board members, parents, and other interested individuals as they study school facilities.

There has been a great deal of building activity during this three year period as can be seen by the inclusion of 146 projects in this publication, with 46 of these being new free standing buildings. Our last seven editions contained a total of 101 projects. The survey results reported in this publication provide evidence of a continuing need in planning for school building replacement in the state of Wisconsin. Over 50% of the districts responding indicated that they were currently involved in facility planning that might lead to a building project within five years. However, this is not a time to become complacent in the continuing effort to bring safe and healthful facilities to the school children of Wisconsin.

In a state known for its excellence in education, it is great to see school facilities being viewed as an important consideration. School facilities need to be kept safe and healthful as well as educationally adequate to provide an environment which enhances success for our children today and into the 21st century. It is my sincere hope that the contents of this publication stimulate the continued planning for new schools which will help keep Wisconsin's academic environment in the forefront of the nation.

John T. Benson
State Superintendent

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REASONS GIVEN FOR PASSED REFERENDUM

Survey of January, 1994

- use informational meetings
- go after mini-projects
- referendum was held on presidential election day, which resulted in a higher percentage of school aged parents voting
- consensus among the board
- good community and staff involvement in passage of issue
- good past planning
- district is well below debt capacity
- community understood a need for the project
- clearly stated message in information sessions
- video tape used as a method to communicate message
- timing of election
- good luck
- getting out information
- getting people out to vote
- citizen involvement (ownership)
- non-threatening approach
- telephone campaign
- show inadequacies
- information only, not yes or no
- organized citizen group that networked throughout the community
- rapid student growth
- lots of information distributed to community
- well organized vote yes committee
- clear need for space
- every school got something
- community based committee recommended plan
- waited until after the referendum to select an architect
- convinced community it was needed
- support from staff
- need focused on students
- nine member board in full agreement
- had community study committee
- developed community based support
- opposition not well organized
- support from news media
- had a true need due to ADA
- persistence
- yes committee
- need
- student growth
- reduced dollar amount of previous failed referendum
- identify strong community leadership
- identify your yes votes
- centrally located new facility
- grassroots committee
- use television
- good public information campaign
- showed a definite need--students were bussed to rented space that was no longer available
- large donations from two benefactors
- strong community pride in its schools
- we had very little debt at the time
- facility equity understood
- good press (2)
- united staff support and involvement
- financial proposal clearly understood
- ignored opposition; encouraged positive
- formed a citizens committee
- published informational sheet for all voters
- many informational articles in local paper
- personal appearances by school personnel
- phoned to turn out the vote
- parent group was organized for P.R.
- obviously necessary
- a variety of community viewpoints on planning committee
- P.R. regarding interest rates
- much community involvement
- hired consulting firm
- yes committee promoted passage
- utilized a citizens committee
- district voted down consolidation referendum
- community committee that is willing to go out and sell it
- integrity of people on committee
- committee was not perceived as being in pocket of board or administration
- support from P.T.A.
- good information
- community involvement
- project met basic needs with reasonable budget
- citizens committee worked for two years
- unanimous board support
- endorsement by chamber of commerce
- severe space shortage
- positive communications and planning throughout
- board of education unanimously approved a plan
- we were honest with the public and stuck to the facts

- consultant conducted a facility needs study that confirmed citizens committee report
- May referendum
- well organized campaign plan
- numerous community presentations
- DPI/DILHR building inspections
- significantly down sized project from previous referendum
- retained consultant
- excellent press
- obvious need
- active committee
- board stayed in background
- calling campaign
- information
- lack of other alternatives
- community members took leadership role; minimal work done by the educators
- ownership
- exhaustive study
- survey public
- excellent support from consultant
- multiple presentations
- after numerous failures they hired me
- new architect who listened
- saved a school scheduled for sale and added on
- reduced bonding from previous failed referendum
- superintendent and architect spoke at public forums and to every civic group from Rotary to senior citizens
- someone wrote a letter accusing a board member of having AIDS
- bond rates were at a 20 year low
- official complaints were filed against the district's old and unsafe facilities
- consolidation study
- communication: district wide mailings, five public meetings
- parent/citizen committee
- costs were reduced from previous referendum
- citizens committee posted large "vote yes" signs on entrances to village
- unanimous board support
- encourage teacher and staff support
- timing: low interest rates, change in the state aid formula
- patron involvement in all steps
- put together a district wide plan
- each principal and administrator identified and called ten yes votes a day before the election, asked each of them to call on more
- parents and grandparents day was instituted prior to the election
- we presented only the facts and options at our public meeting
- we had a very supportive referendum committee
- facility plan was designed by district educators
- citizen committee
- we did not tell the people how to vote
- video tape sent home with each student showing educational and safety concerns of old structure
- obviously out of date facilities
- high level of community involvement
- minimal tax impact
- a strategic plan
- solid need demonstrated
- credible school district
- affordable
- a good citizen yes committee
- planning committee composed of a cross section of the district
- united board
- extensive community information meetings
- sinking fund available
- involvement
- lots of hard work
- need
- citizens committee work
- financial advantages
- held referendum on Saturday which enabled children to encourage their parents to vote
- support by patrons
- numerous presentations to community groups and cable channel
- part of long-range, four-phase plan
- citizens committee formed
- had students involved in campaign
- would have cost almost $2 million to comply with ADA and safety issues
- facility tours were available
- citizens committee did a preliminary calling campaign to find out how people would vote
- growing student/community population
- public information meetings
- referenda information published with questions and answers
- citizens committee called to remind to vote yes encourage community support
- citizens committee had yard signs made and distributed to yes votes
- board behind the plan
- increase parent and community involvement
- community involvement; invited individuals to first public meeting; many signed up to form P.A.C.; they raised money for the campaign
- it made sense

REASONS GIVEN FOR FAILED REFERENDUM

Survey of January, 1994

- resistance from senior citizens
- lack of trust of the data provided by the administration
- high taxes
- district did not want to accept money from private foundation
- district lies within the Milwaukee and Madison taxing offices
- gave anti-building group too much time to organize
- split board (2)
- law prevented the district from actively campaigning
- lack of support for public education
- political power structure opposed
- public education stakeholders did not vote
- too large
- taxpayer revolt
- too much property off the tax roll
- land purchases part of referendum
- site location (2)
- senior citizen opposition
- apathy (only 14 % voter turnout)
- tax payer group
- rumors and lies
- lack of future thinking
- site
- middle school configuration
- board member spoke out against plan and confused issue
- first large building project since 1960s
- lack of support from community leaders
- some building issues were not dealt with directly
- possibility of closing rural elementary school
- scope of project
- ineffective community information campaign
- uncertainty of educational mission
- too many issues
- power lines on site
- site location
- Desert Storm
- board not unanimous
- active opposition
- changing community
- need not understood by public
- too big a project for this "farm poor" community
- businesses afraid of losing business if they show support
- individual afraid to make calls to some that might not support project
- other possible building need besides middle school
- too complicated a project
- rumor about too costly a regular instruction program
- too many projects
- board not fully supportive of project
- present buildings were considered OK
- school blamed for society's problems
- only one reason: taxes
- site not locked in
- dollar amount too high
- economy
- senior citizen vote
- cost (3)
- not enough community involvement
- didn't work hard enough in planning
- wrong location
- closing a street
- combined grades K-12
- opposition group organized negative campaign on tax impact
- H.S. project that didn't have visible need
- local newspaper was outspoken in its opposition
- property tax increase
- remodeling too soon since original construction
- addition of gym to replace existing gym
- not real well planned
- taxes, taxes, taxes
- community not convinced more space was needed
- economy
- elderly/retired population
- question need

RESULTS OF SCHOOL FACILITY PLANNING SURVEY
January 1994

Where Districts Are in the Planning Process by CESA Area

CESA	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Districts not currently planning	11	23	14	8	8	14	18	16	8	15	12	6	153
Districts involved in planning that might lead to a building project within five years	16	35	8	12	15	19	14	6	9	6	18	7	165
Just beginning with planning	3	10	2	3	4	4	5	1	2	2	3	2	41
Early stages of planning but discussing building issues on a fairly regular basis	3	9	3	1	5	6	1	2	3	2	4	2	41
Can anticipate board approval of a project in the near future	8	6	2	5	2	2	3	2	0	0	3	0	33
District has passed an initial resolution but a referendum has not been held	1	4	0	1	1	1	1	0	1	0	1	1	12
Referendum has been passed or not required; planning for construction	0	0	0	2	0	2	0	0	1	0	2	1	8
Construction has started	0	3	1	0	3	1	1	1	1	2	1	0	14
A previous referendum failed but work towards another referendum continues	0	3	0	0	1	3	3	0	1	0	4	1	16

Committee Type by CESA Area

CESA	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
Board has not yet officially approved of the building committee	3	11	1	2	4	2	4	2	1	3	4	3	40
Committee is primarily a board committee with little input from community	2	4	1	1	1	2	2	0	3	0	1	0	17
Committee is primarily a board committee with considerable community involvement	2	9	2	1	1	4	1	1	0	1	2	0	24
Board approved committee is primarily a citizens' group	7	9	4	7	7	8	2	3	4	1	9	4	65
District hired a consultant and will pay a fee whether or not a building project materializes	3	8	2	3	3	4	0	1	0	0	5	1	30
An architect has been hired	4	13	3	7	5	9	3	4	4	2	9	3	66
A financial advisor has been hired	2	7	3	3	2	6	1	1	3	0	3	2	33

SUCCESS RATE OF REFERENDA BY MONTH
1991-1993

	REFERENDA HELD	TOTAL $ AMOUNT	AVERAGE $ AMOUNT	NUMBER PASSED	NUMBER FAILED	SUCCESS RATE
JANUARY	4	7,450,000	1,862,500	3	1	75.00 %
FEBRUARY	11	88,428,000	8,038,909	4	7	36.36 %
MARCH	2	11,500,000	5,750,000	1	1	50.00 %
APRIL	27	200,753,500	7,169,768	10	17	38.46 %
MAY	15	80,898,000	5,393,200	11	4	73.33 %
JUNE	12	85,745,328	7,145,444	6	6	50.00 %
JULY	0	0	0	0	0	00.00 %
AUGUST	1	10,055,000	10,055,000	1	0	100.00 %
SEPTEMBER	17	105,131,406	6,184,200	10	7	58.83 %
OCTOBER	10	95,653,200	9,565,320	6	4	60.00 %
NOVEMBER	18	88,777,000	4,932,056	11	7	61.11 %
DECEMBER	10	80,790,000	8,079,000	7	3	70.00 %
TOTAL	127	855,181,434	6,733,712	70	57	55.12 %

SUCCESS RATE OF REFERENDA BY CESA
1991-1993

	REFERENDA HELD	TOTAL $ AMOUNT	AVERAGE $ AMOUNT	NUMBER PASSED	NUMBER FAILED	SUCCESS RATE
CESA 1	13	103,850,000	7,988,462	7	6	53.85 %
CESA 2	25	183,000,000	7,320,000	15	10	60.00 %
CESA 3	6	26,120,000	4,353,333	4	2	66.67 %
CESA 4	4	24,465,000	6,116,250	3	1	75.00 %
CESA 5	7	44,475,000	6,353,571	4	3	57.14 %
CESA 6	15	109,402,406	7,293,494	6	9	40.00 %
CESA 7	10	70,657,000	7,065,700	5	5	50.00 %
CESA 8	5	19,320,000	3,864,000	4	1	80.00 %
CESA 9	12	76,658,000	6,388,167	5	7	41.67 %
CESA 10	5	41,683,528	8,336,706	4	1	80.00 %
CESA 11	21	140,877,500	6,708,452	10	11	47.62 %
CESA 12	4	14,673,000	3,668,250	3	1	75.00 %
TOTAL	127	855,181,434	6,733,712	70	57	55.12 %

ANALYSIS OF CONSTRUCTION PROPOSAL SURVEY DATA - JANUARY 1994
1991-1993

		BUILDING PROJECTS PROPOSED	APPROVED THROUGH REFERENDUM	APPROVED ALL METHODS
	NEW FREE STANDING BUILDING			
	High Schools	18	7	8
	Middle Schools	33	16	19
	Elementary Schools	30	12	17
	K-12 Schools	5	3	3
	ADDITION			
	High Schools	66	22	31
	Middle Schools	36	16	26
	Elementary Schools	59	32	49
	K-12 Schools	5	2	3
	MAJOR REMODELING			
	High Schools	62	30	38
	Middle Schools	27	18	21
	Elementary Schools	53	34	43
	K-12 Schools	4	3	4

NOTE: IN MANY CASES, NUMEROUS PROPOSED PROJECTS WERE INCLUDED WITHIN A SINGLE REFERENDUM.

Wisconsin Statute 121.02(1)

Each school board shall:

(i) Provide safe and healthful facilities.

Safe and Healthful Facilities-Standard (i)

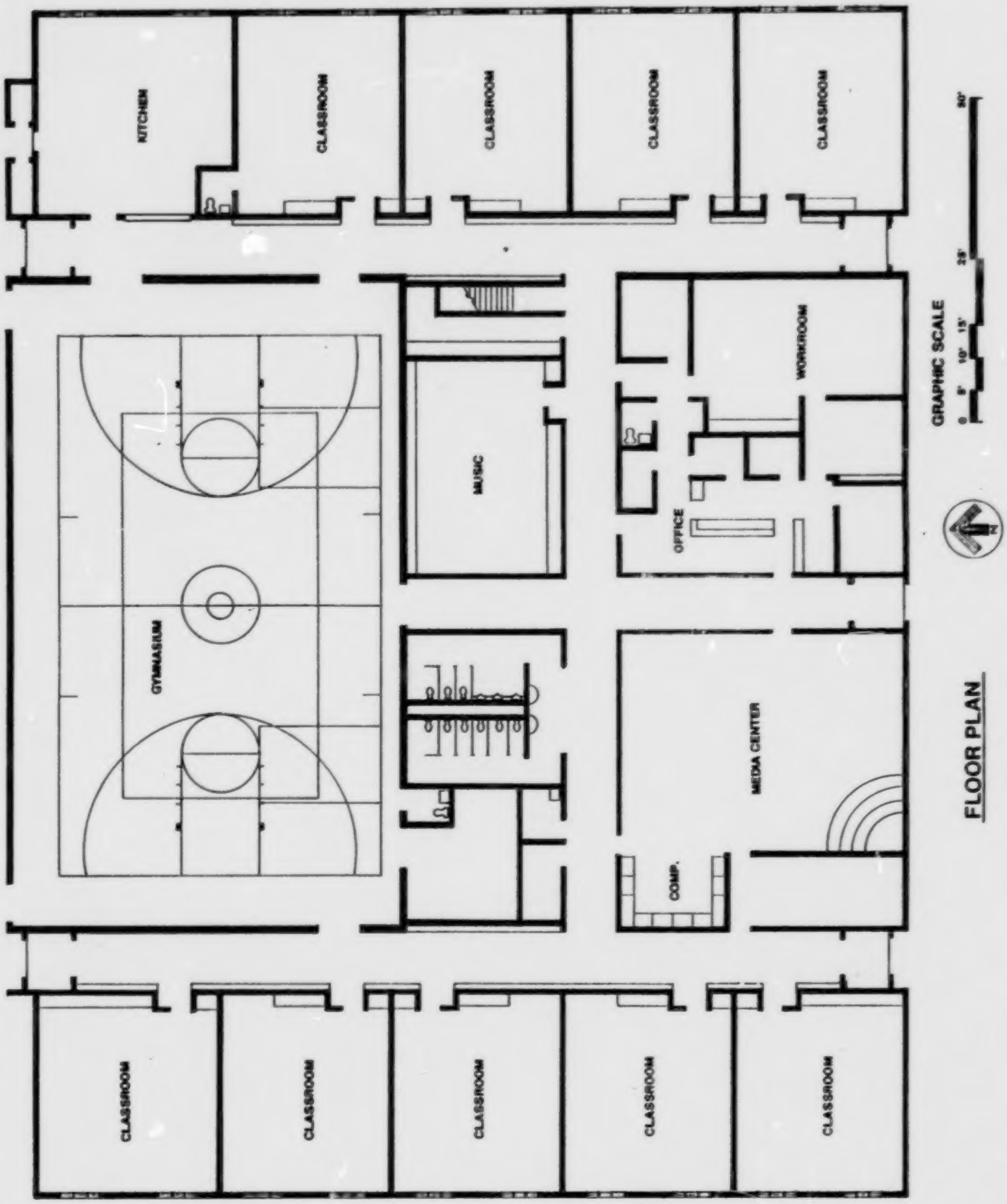
Administrative Rule

PI 8.01(2)(i). A long-range plan shall be developed, adopted, and recorded by the school board which defines the patterns and schedule for maintaining the district operated facilities at the level of the standards established for safe and healthful facilities. The school board shall comply with all regulations, state codes, and orders of the department of industry, labor and human relations and the department of health and social services and all applicable local safety and health codes and regulations. The facilities shall be inspected at least annually for potential or demonstrated hazards to safety and health, and hazardous conditions shall be corrected, compensating devices installed or special arrangements made to provide for safe and healthful facilities. Maintenance procedures and custodial services shall be conducted in such a manner that the safety and health of persons using the facility are protected. Responsibility for coordinating all activities related to the safety and health considerations of the facilities for the entire district shall be assigned to one individual.

1. Elementary Schools: New Buildings

Adams-Friendship
Appleton
Baraboo
Cudahy
Delavan-Darien
Elk Mound
Franklin
Green Bay
Greenfield
Howard Suamico
Kaukauna
Kenosha
La Crosse
Lac du Flambeau
Lake Country
Little Chute
Marshfield
Menomonie
Milton
Milwaukee
New London
New Richmond
Ripon
Stevens Point

GRAND MARSH ELEMENTARY SCHOOL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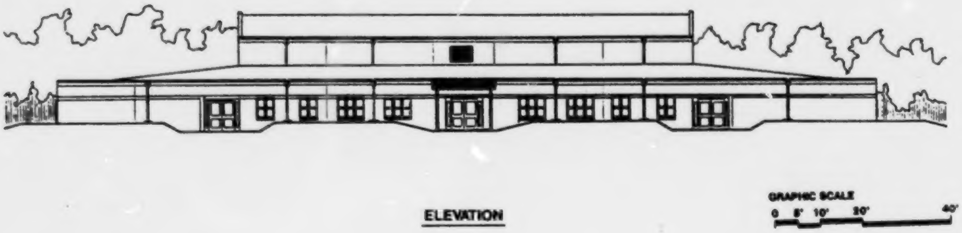
FLOOR PLAN



ELEVATION

NAME OF SCHOOL: GRAND MARSH ELEMENTARY SCHOOL
GENERAL INFORMATION

Owner: Adams-Friendship Area School District

Architect: Foth & Van Dyke
Milwaukee, WI
(414) 359-2500

Contractor: Westra

Date Construction Start: 08/92
Date Construction Completion: 01/93

Costs: **TOTAL:** $1,200,000

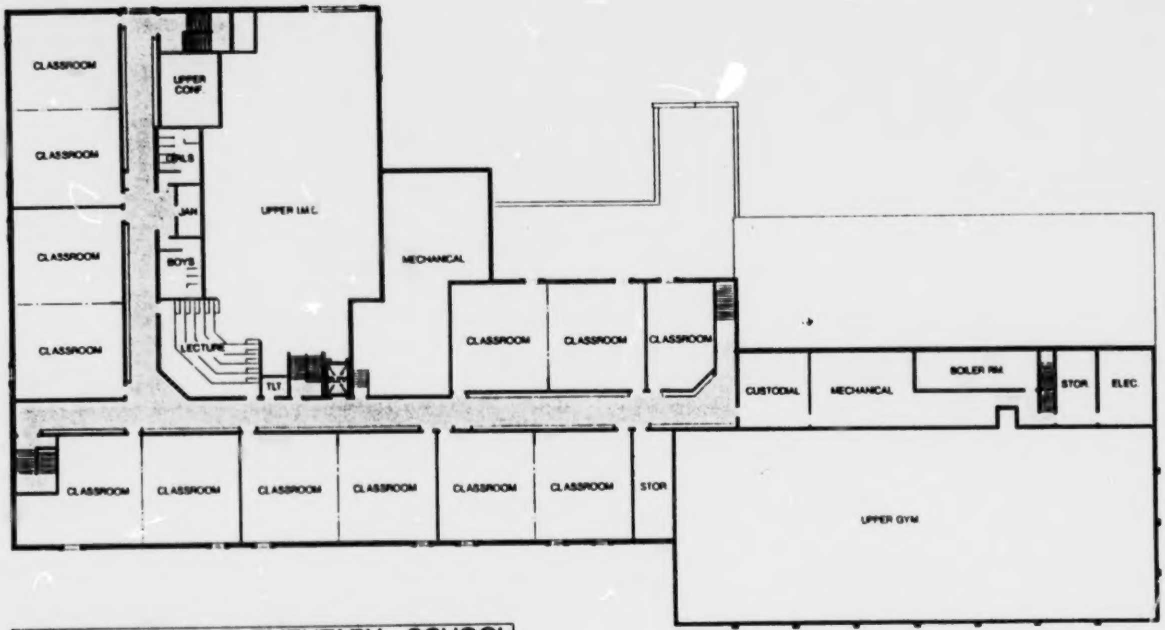
Area: Building: 26,000 s.f.
Cost per Sq Ft: $46.00

PROJECT DESCRIPTION:

Design of a new elementary school featuring ten classrooms, media center, gymnasium, kitchen, music room and office area.

FEATURES

Site Development:	Redevelopment of playgound space and parking area
Floors:	Concrete slab on grade
Exterior Walls:	Splitface concrete block
Interior Walls:	Concrete block
Windows:	Double hung aluminum windows
Roof:	Steel hoist and metal deck with rigid insulation and ballasted EPDM.
Floor Finishes:	Vinyl tile; quarry tile in kitchen; ceramic tile in bathrooms; carpeting in offices and IMC.
Base:	Vinyl, quarry and ceramic tile
Walls:	Painted concrete block
Ceilings:	2X4 lay-in acoustical tile
HVAC:	A two-zone modular hot water boiler system with separate heating coils serving each room
Electrical:	Energy-efficient 2X4 flourescent throughout facility Energy-efficient metal halide lamps in gymnasium
Special Equipment:	Fire alarm system; clock and bell system; intercom system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CUSTODIAL
MECHANICAL
BOILER RM.
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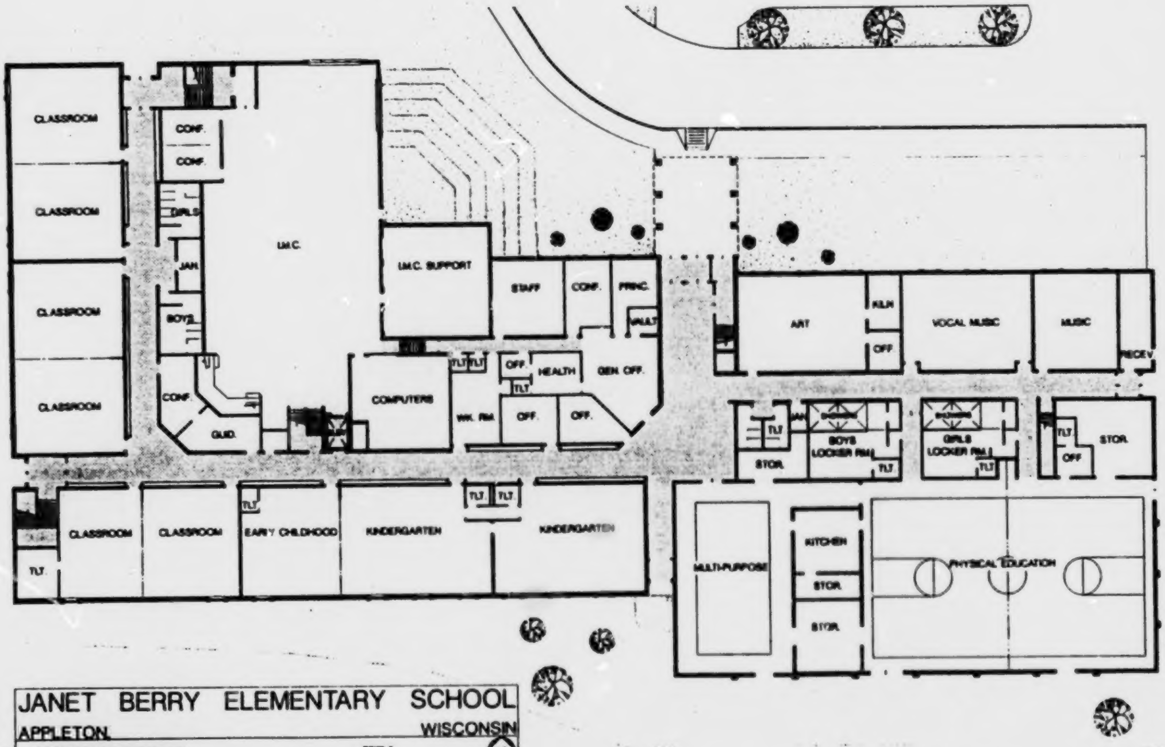
STOR.
UPPER GYM

JANET BERRY ELEMENTARY SCHOOL
APPLETON WISCONSIN

SECOND FLOOR PLAN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I.M.C. SUPPORT
COMPUTERS
STAFF
CONF.
PRINC.
VAULT
TLT
TLT
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HEALTH
GEN. OFF.
TLT
WK. RM.
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ART
KILN
OFF.
VOCAL MUSIC
MUSIC
RECEIV.
TLT
JAN
STOR.
SHOWERS
BOYS LOCKER RM.
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GIRLS LOCKER RM.
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CLASSROOM
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TLT
EARLY CHILDHOOD
KINDERGARTEN
TLT.
TLT.
KINDERGARTEN
MULTI-PURPOSE
KITCHEN
STOR.
STOR.
PHYSICAL EDUCATION

JANET BERRY ELEMENTARY SCHOOL
APPLETON WISCONSIN

FIRST FLOOR PLAN

4

JANET BERRY ELEMENTARY

GENERAL INFORMATION

Owner: Appleton Area School District
Jerry Patterson, District Administrator

Date Project Approved by S.D:	June 1990
Date Construction Start:	September 1990
Date Construction Completion:	August 1991

Costs:	**Construction:**	$3,184,725
	Site Work:	200,000
	Equipment:	184,000
	TOTAL:	$3,568,725

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Miron Construction
(414) 749-3060

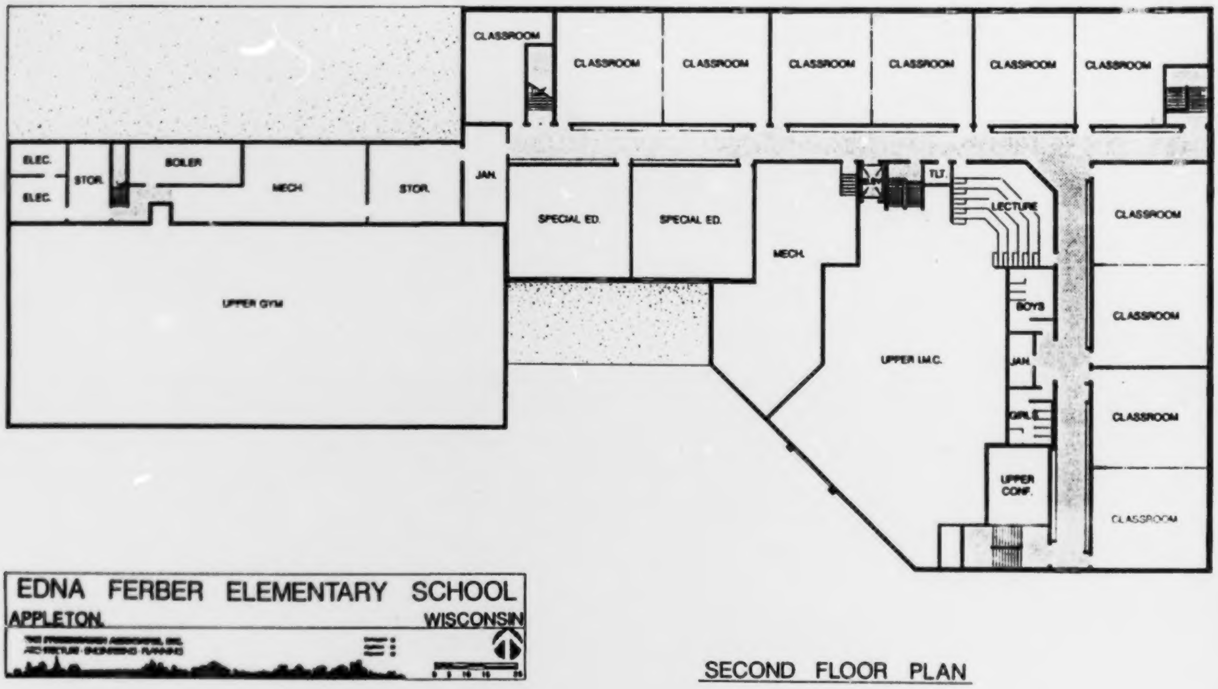
Area: **Site:** 12.28 acres
Building: 76,500

Cost per Sq. Ft.: $46.65

PROJECT DESCRIPTION: New two-story elementary school with mid-level L.M.C.

FEATURES

Site Development:	Includes playground areas, parking, and drives.
Floors:	Concrete slab-on-grade and concrete topping on precast concrete plank.
Exterior Walls:	Insulated masonry cavity wall with face brick veneer.
Interior Walls:	C.M.U., gypsum board on metal studs, folding panel partitions.
Windows:	Aluminum clad wood windows, double glazed with integral blinds.
Roof:	Ballasted single ply E.P.D.M.
Floor Finishes:	V.C.T., carpet, poured urethane gymnasium flooring, quarry tile, ceramic tile.
Base:	Resilient, glazed masonry locker base.
Walls:	Painted C.M.U. and gypsum board.
Ceilings:	2 x 2 acoustic tile, 2 x 4 vinyl covered gypsum board, painted gypsum board, painted steel structure.
HVAC:	Boilers provide hot water to air handling units which provide tempered air to building areas through VAV boxes. Air conditioning provided to select areas.
Electrical:	Electrical lighting, power, communication, and fire alarm systems.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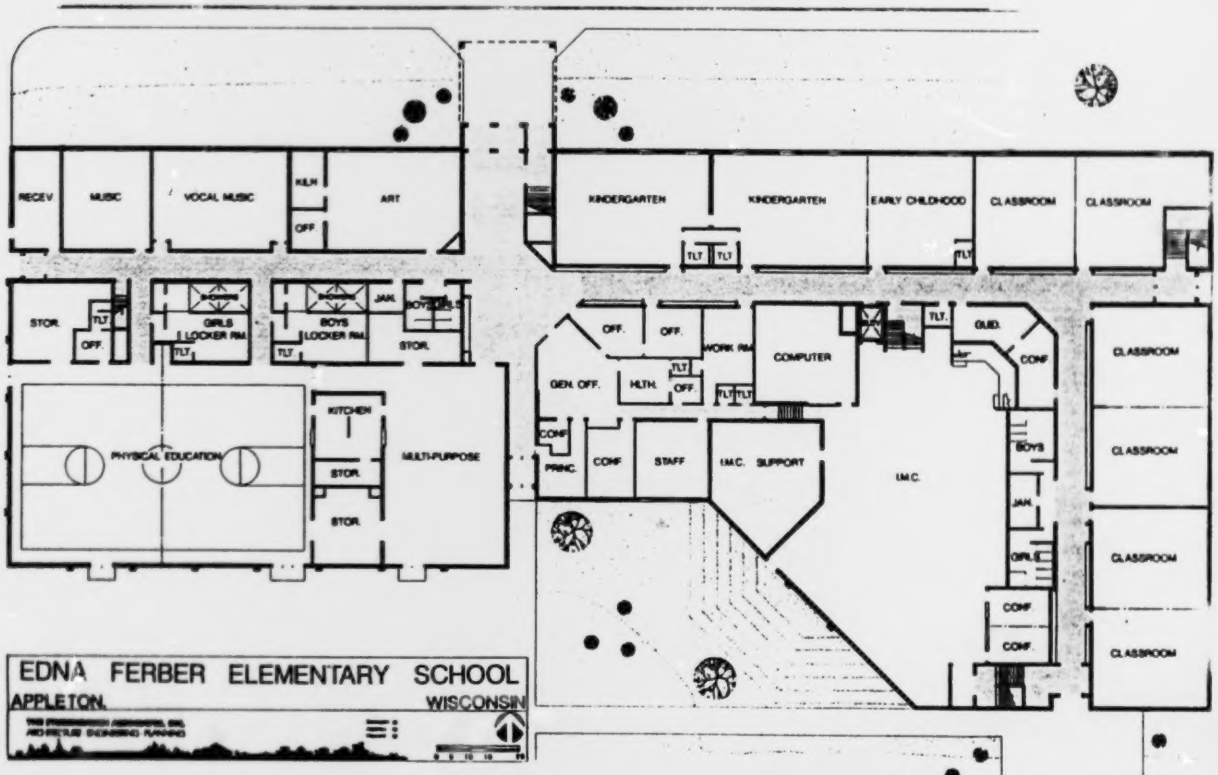
BOILER
MECH.
STOR.
JAN.
SPECIAL ED.
SPECIAL ED.
MECH.
TLT.
LECTURE
CLASSROOM
UPPER GYM
BOYS
CLASSROOM
UPPER I.M.C.
JAN.
GIRLS
CLASSROOM
UPPER CONF.
CLASSROOM
EDNA FERBER ELEMENTARY SCHOOL
APPLETON.
WISCONSIN

SECOND FLOOR PLAN


RECEV
MUSIC
VOCAL MUSIC
KILN
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KINDERGARTEN
KINDERGARTEN
EARLY CHILDHOOD
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STOR.
TLT
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SHOWER
GIRLS LOCKER RM.
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SHOWER
BOYS LOCKER RM.
TLT
JAN.
BOYS GIRLS
STOR.
OFF.
OFF.
WORK RM
COMPUTER
TLT.
GUID.
CONF
CLASSROOM
GEN. OFF.
HLTH.
TLT
OFF.
TLT
TLT
KITCHEN
PHYSICAL EDUCATION
STOR.
MULTI-PURPOSE
STOR.
CONF
PRINC.
CONF
STAFF
I.M.C. SUPPORT
I.M.C.
BOYS
CLASSROOM
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GIRLS
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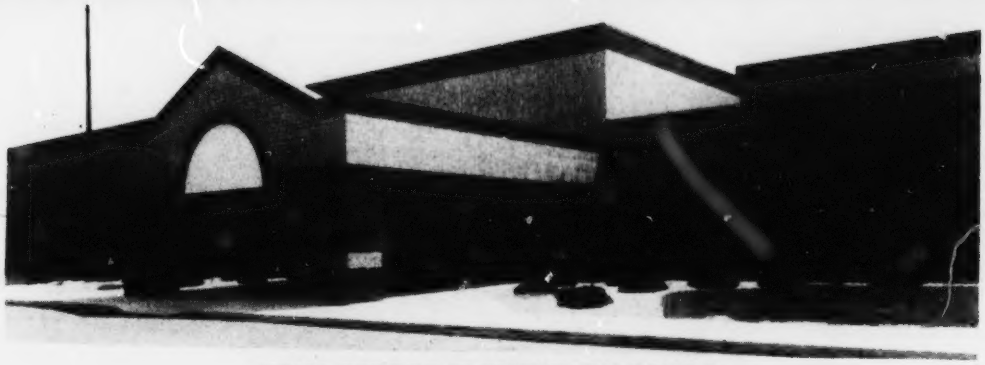
EDNA FERBER ELEMENTARY SCHOOL
APPLETON.
WISCONSIN

FIRST FLOOR PLAN



EDNA FERBER ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Appleton Area School District
Jerry Patterson, District Administrator

Date Project Approved by S.D: June 1990
Date Construction Start: September 1990
Date Construction Completion: August 1991

Costs:		
	Construction:	$3,136,000
	Site:	180,000
	Equipment:	180,000
	TOTAL:	$3,496,000

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Miron Construction - C.M.
(414) 740-3060

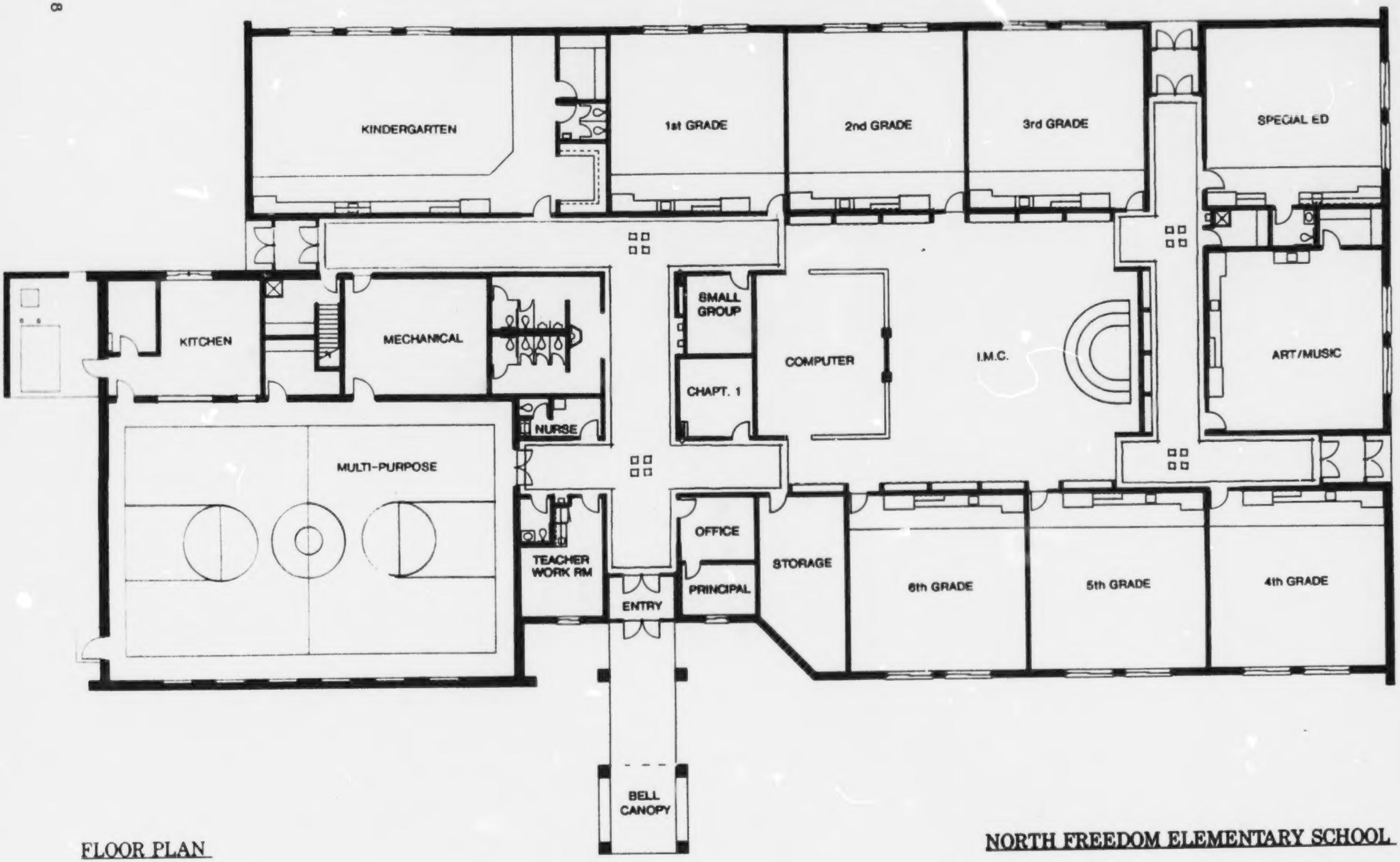
Area: 76,000 sq. ft.

Cost per Sq. Ft.: $46.00

PROJECT DESCRIPTION: This two-story elementary school with a mid-level I.M.C. in the center of the building is designed for an eventual K-6 capacity of 750 students. This facility has a 140 student tiered LGI (large group instruction) area opening up to the IMC. The tiers are 14" deep which are highly desirable for adults and children to sit on and provide for superior line of sight.

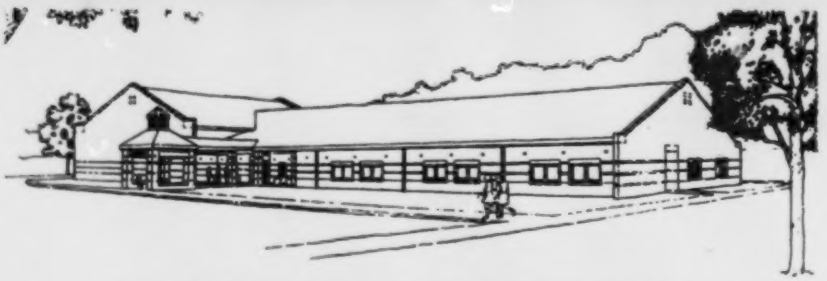
FEATURES

Floors:	Slab on grade and concrete topping on precast.
Exterior Walls:	Brick and CMU cavity wall construction.
Interior Walls:	Exposed block in most areas with steel studs and gypsum board walls in Administrative Office areas.
Windows:	Aluminum clad wood casement.
Roof:	Metal roof with a majority of interior pitched ballasted EPDM membrane.
Floor Finishes:	Carpet in most corridors and classrooms. Quarry tile entries and poured urethane flooring in the Gymnasium and cafeteria areas.
Base:	Resilient.
Walls:	Painted C.M.U. and gypsum board.
Ceilings:	2 x 2 mineral fiber acoustic tile.
HVAC:	Hot water boiler with fin piping and forced air combination heating system.
Electrical:	Parabolic lenses and octron lamps in lieu of standard fixtures.
Special Equipment:	Movable partitions walls, Computer Rooms, and L.G.I. space for gathering. TeleCenter IV Plus communications. Each classroom has telephone for building communication, outside phone line connections, and media retrieval (i.e., control VCR at IMC). Wall mounted TV's at each classroom and district-wide networking with distance learning capabilities.


KINDERGARTEN
1st GRADE
2nd GRADE
3rd GRADE
SPECIAL ED
KITCHEN
MECHANICAL
SMALL GROUP
CHAPT. 1
COMPUTER
I.M.C.
ART/MUSIC
NURSE
MULTI-PURPOSE
TEACHER WORK RM
ENTRY
OFFICE
PRINCIPAL
STORAGE
6th GRADE
5th GRADE
4th GRADE
BELL CANOPY

FLOOR PLAN

NORTH FREEDOM ELEMENTARY SCHOOL



NAME OF SCHOOL: North Freedom Elementary School
GENERAL INFORMATION

Owner: Baraboo School District
Dr. Anthony J. Kujawa, District Administrator

Architect: Mid-State Associates, Inc.
608-356-2771

Date Project Approved by S.D.: May 15, 1990
Date Construction Start: February 15, 1991
Date Construction Completion: August 1, 1991

Contractor: Steven Construction Corp.
608-222-5100

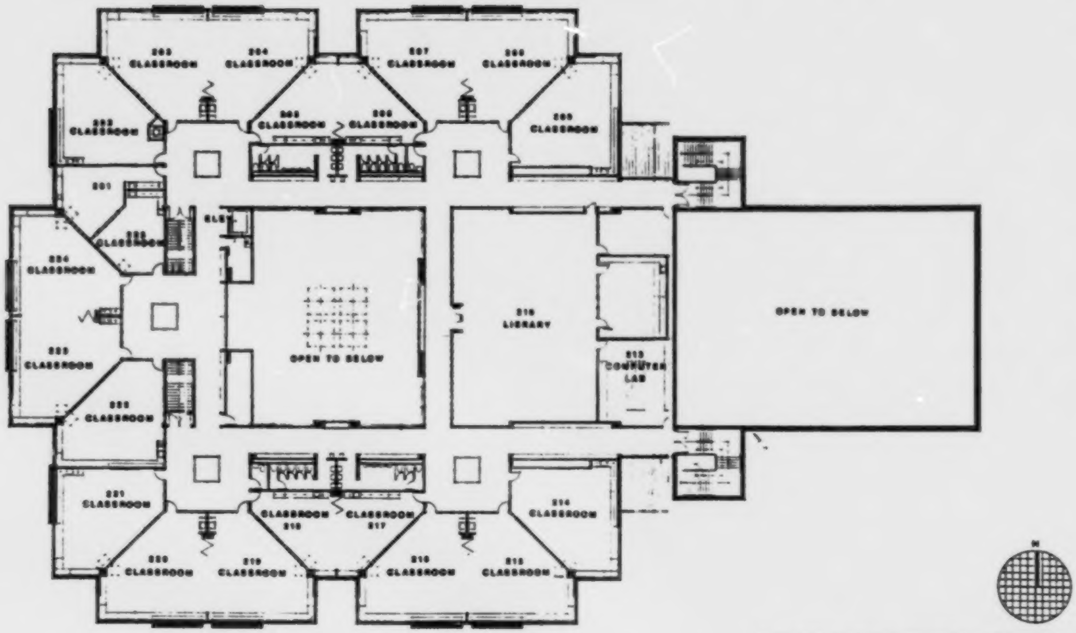
Area:	Site	11.1 Acres
	Building	22,685 sq. ft.
Cost per Sq. ft.:		$57.30

Costs:	**Construction:**	$1,068,125
	Site Work:	$68,700
	Equipment:	$162,800
	TOTAL:	$1,299,625

PROJECT DESCRIPTION: A new elementary school consisting of a 30' x 60' kindergarten, six classrooms for grades 1-6, special education classroom, art/music room, gymnasium/multi-purpose room, administrative offices and work rooms all organized around a central feature I.M.C./computer area. Features of the project include a sunken story telling area in the I.M.C. and an entry pavilion with a working historic school bell.

FEATURES

Site Development:	Reshaping of site, 28 parking stalls, paved and sand playground area.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick, 1½" rigid insulations, and concrete block.
Interior Walls:	Concrete block.
Windows:	Aluminum horizontal sliding with insulated glass.
Roof:	Wood roof truss, R-40 insulation and asphalt shingles.
Floor Finishes:	Carpet/quarry tile classrooms, quarry tile corridors/kitchen, ceramic tile toilet rooms, V.C.T. gym.
Base:	4" high vinyl, 5" high quarry tile.
Walls:	Painted and burnished concrete block, ceramic tile in restrooms, tackable wall surface at one classroom wall.
Ceilings:	2 x 2 lay-in acoustical tile.
HVAC:	Gas fired boilers serving air handling units and air conditioning at administrative offices.
Electrical:	2 x 4 lay-in troffer lighting, pendant tubular indirect lighting at I.M.C., HID at gymnasium.
Special Equipment:	Electronically operated historic school bell from old school. Fold into wall cafeteria tables, smoke and heat detection system, intercom system.


CLASSROOM
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LIBRARY
COMPUTER LAB
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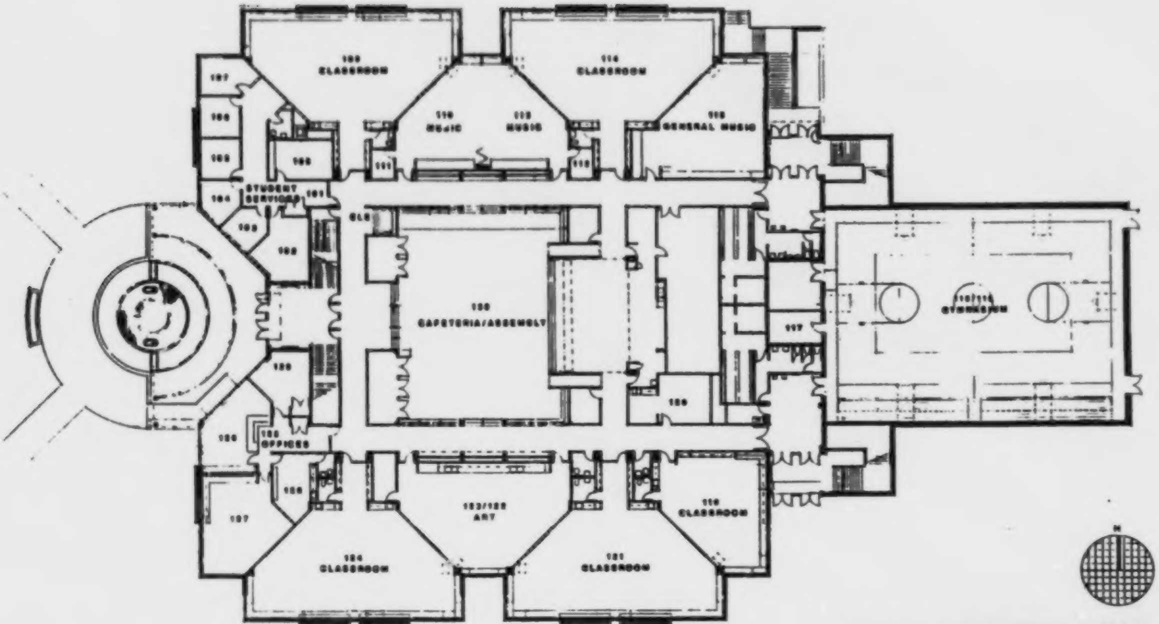
LINCOLN ELEMENTARY SCHOOL

Plunkett Raysich Architects


CLASSROOM
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OFFICES
107
ART
CLASSROOM
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N

LINCOLN ELEMENTARY SCHOOL

Plunkett Raysich Architects

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NAME OF SCHOOL: Lincoln Elementary School

GENERAL INFORMATION

Owner: School District of Cudahy
Dr. John Watson, Superintendent

Date Project Approved by S.D: September 1990
Date Construction Start: June 1991
Date Construction Completion: August 1992

Costs:		
	Construction:	$5,604,000
	Site Work:	$ 104,000
	Equipment:	N/A
	TOTAL:	$5,708,000

Architect: Plunkett Raysich Architects
Kim Dale Hassell
414 359-3060

Contractor: C.G. Schmidt
(414) 332-1177

Area:		
	Site:	3.3 Acres
	Building:	76,000 sq. ft.

Cost per Sq. Ft.: $73.73

PROJECT DESCRIPTION: A new 76,000 sq. ft. three sectional elementary school designed to replace two existing schools built in the 1920's. The restrictive building site required a two story structure providing kindergarten and administrative functions on the first level and grades 1-5 on the second level. The unique design allows for easy orientation by young students and an innovative display area showcasing each grade levels activities.

FEATURES

Site Development: A restricted site required that we maximize land for playground space. A large terraced retaining wall was designed to allow for more surfaced playground. Angled street parking was created in lieu of a parking lot, also to save land area.

Floors:

Exterior Walls:

Interior Walls: Drywall was used extensively to allow for easier renovation in the future when educational curriculum changes.

Windows: Wood windows, which provide a warmer appearance, were used with integral blinds.

Roof:

Floor Finishes: Terrazzo floors in corridors and stairs.

Base:

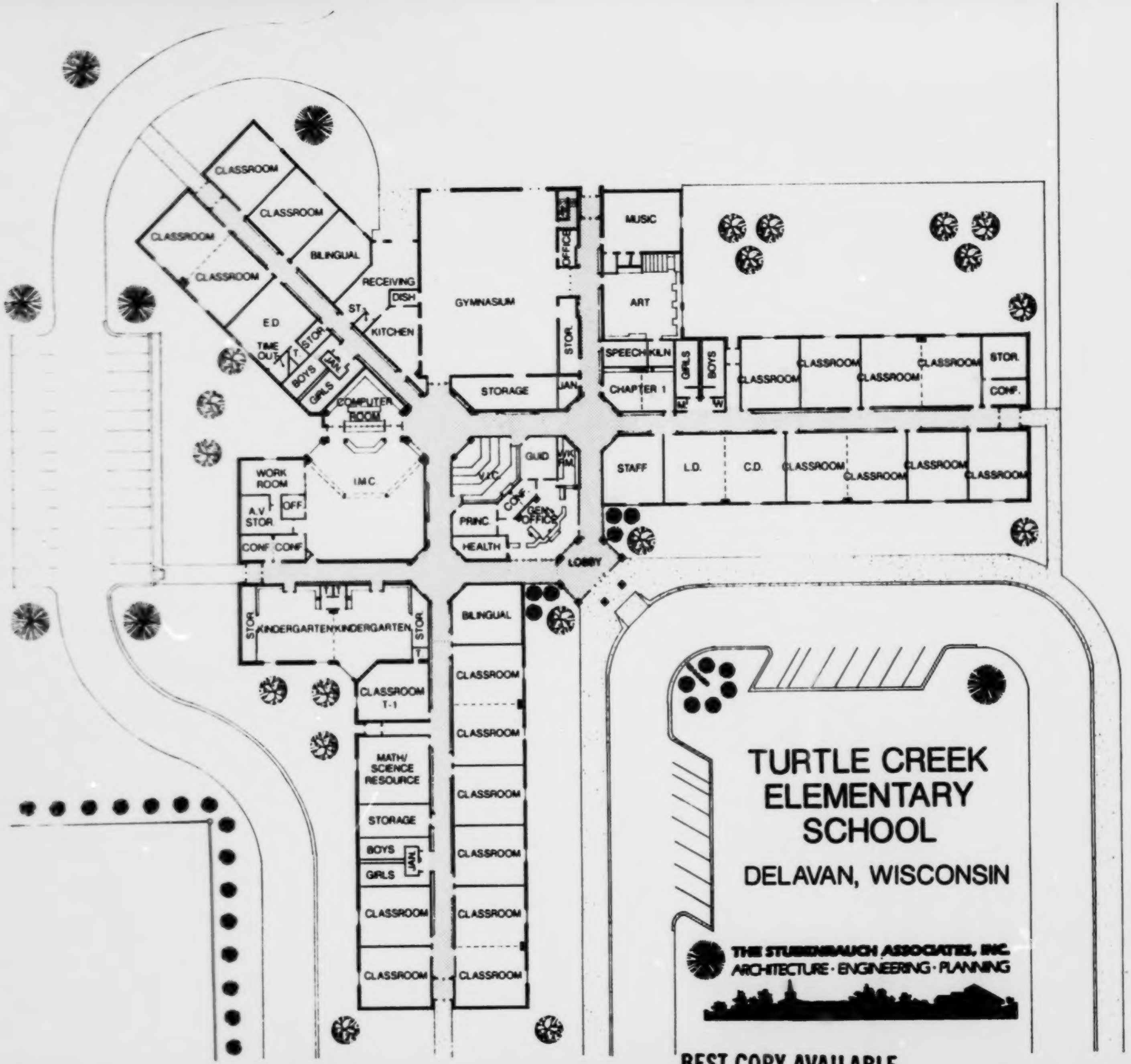
Walls: "Soft walls" - Drywall with durable wall covering to provide takable wall surface

Ceilings:

HVAC:

Electrical: A "Wiring expressway" was installed throughout the school to allow for additions and changes to the technology systems of the school.

Special Equipment: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BILINGUAL
E.D.
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GIRLS
RECEIVING
DISH
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KITCHEN
COMPUTER ROOM
GYMNASIUM
OFFICE
STOR.
STORAGE
JAN
MUSIC
ART
SPEECH
KILN
CHAPTER 1
GIRLS
BOYS
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STOR.
CONF.
WORK ROOM
A.V. STOR
OFF
CONF
CONF
I.M.C.
V/C
GUID
W/C RM
PRINC
CONF
GEN. OFFICE
HEALTH
LOBBY
STAFF
L.D.
C.D.
CLASSROOM
CLASSROOM
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STOR
KINDERGARTEN
KINDERGARTEN
STOR
BILINGUAL
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MATH/ SCIENCE RESOURCE
STORAGE
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GIRLS
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TURTLE CREEK ELEMENTARY SCHOOL
DELAVAN, WISCONSIN
THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

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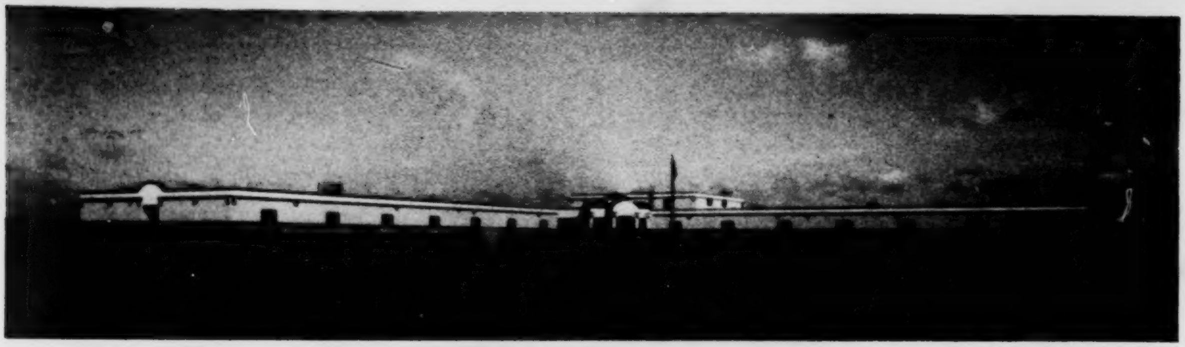


TURTLE CREEK ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Delavan-Darien School District
James Ticknor, District Administrator

Date Project Approved by S.D: October 1991
Date Construction Start: April 1992
Date Construction Completion: Jne 1993

Costs:	**Construction:**	$1,885,813
	Site Work:	278,000
	Equipment:	120,000
	TOTAL:	$2,283,813

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: J. H. Hassinger
(414) 252-4701

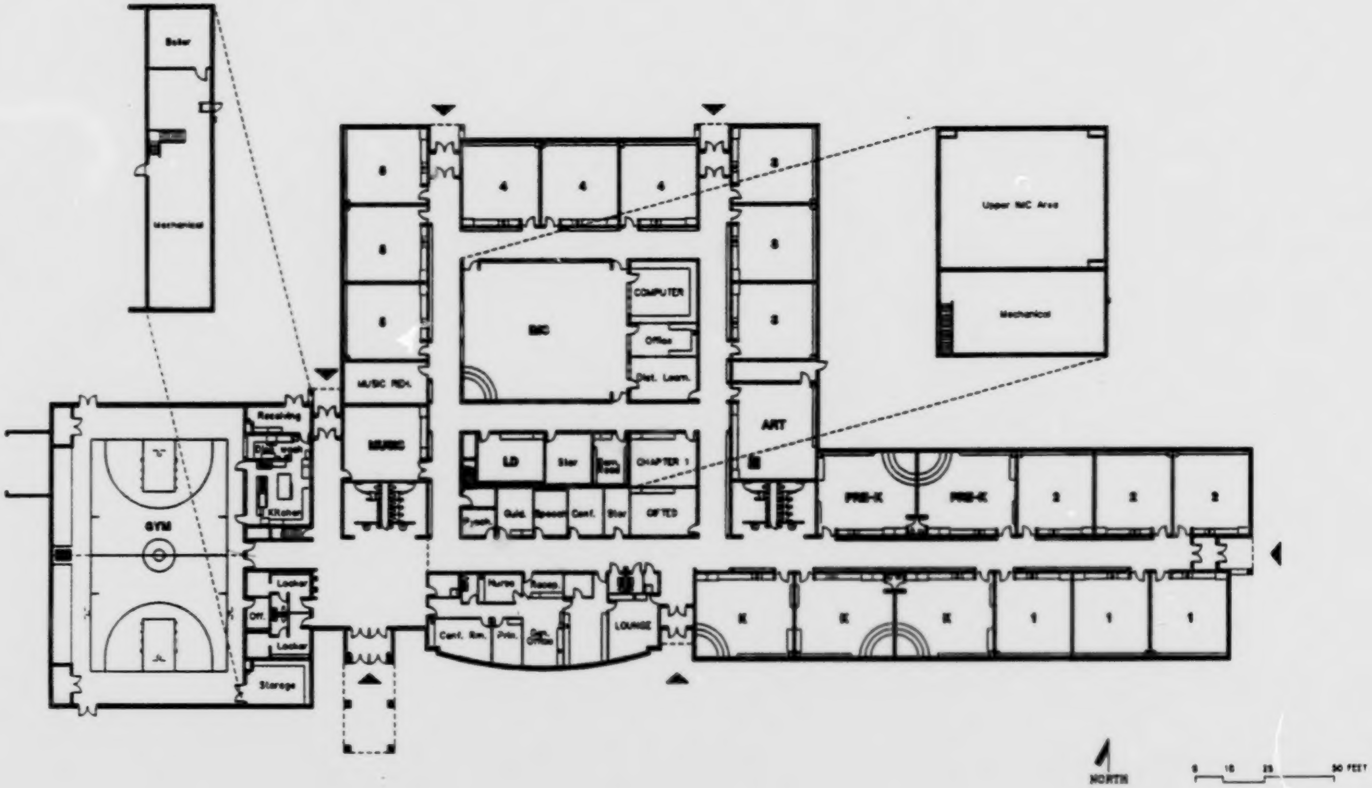
Area: **Site:** 617,700 sq. ft.
Building: 68,000 sq. ft.

Cost per Sq. Ft.: $33.59

PROJECT DESCRIPTION: New single story 4-track K-5 elementary school.

FEATURES

Site Development:	Grading for site drainage, retention basin, and future play fields. Asphalt paved parking and play areas.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Split-face CMU, air space, rigid insulation and C.M.U. EIFS accent band at top of wall.
Interior Walls:	C.M.U. and metal studs with drywall.
Windows:	Clad wood fixed and awning.
Roof:	Ballasted single-ply EPDM membrane.
Floor Finishes:	Carpet, ceramic tile, sheet vinyl, VCT, porcelain paver tile (at entries).
Base:	Vinyl, ceramic tile, procelain paver tile and seamless quartz aggregate.
Walls:	Painted C.M.U. and drywall; tackwall on one wall in classrooms.
Ceilings:	2 x 2 and 2 x 4 acoustical tile.
HVAC:	Ducted forced air with variable volume box. Natural gas sealed combustion boilers. Rooftop air cooled condensing units at each classroom wing.
Electrical:	Systems include energy-saving fluorescent light fixtures, communications, fire alarm and smoke detection.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A1

FLOOR PLAN

MOUND VIEW ELEMENTARY SCHOOL
ELK MOUND, WISCONSIN

Seymour Davis Seymour

NAME OF SCHOOL: MOUND VIEW ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
Elk Mound Area School District
William Vincent, District Administrator

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Date Project Approved by S.D: March 1992
Date Construction Start: July 1992
Date Construction Completion: August 1993

Contractor: Market & Johnson, Inc.
(715) 834-1213

Costs:	Construction:	$3,066,000
	Site Work:	$362,240
	Equipment:	$175,000
	TOTAL:	$3,603,240

Area: Site: 17 acres
Building: 58,400

Cost per Sq. Ft: $62.00

PROJECT DESCRIPTION: New 3 section single story elementary school with gym, IMC, art, music, kitchen, 2 pre-kindergarten rooms and computer lab.

FEATURES

Site Development: Hilly site, more than usual amount of earthwork. Also includes soccer and softball fields, parking lots and roads.

Floors: Concrete.

Exterior Walls: Brick and block cavity.

Interior Walls: Block and burnished block.

Windows: Wood casement.

Roof: Fully adhered single-ply rubber membrane with a standing seam on entrance canopy.

Floor Finishes: Carpet and resilient vinyl tile in classrooms and offices, terrazzo corridors, wood floor in gym.

Base: Vinyl.

Walls: Burnished block in corridors, painted block in all other areas.

Ceilings: 2 x 4 lay-in acoustical tiles, with 2 x 2's in office areas.

HVAC: LP gas boilers with air handling units. All areas except gym are air conditioned.

Electrical: Energy efficient ballasts in fluorescent lighting, fire alarm, security monitoring system, computer/phone network with other area schools.

Special Equipment: Story pit areas in pre-K and kindergarten rooms, wood gym floor, clerestory windows around perimeter of IMC.

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NAME OF SCHOOL: Southwood Glen Elementary School

GENERAL INFORMATION

Owner: Franklin Public Schools
Gerald Freitag, District Superintendent

Date Project Approved by S.D: February, 1991
Date Construction Start: May, 1991
Date Construction Completion: August, 1992

Costs:
Construction: $4,979,000
Site Work: $360,000
Equipment: $728,000
TOTAL: $6,067,000

Architect: Plunkett Raysich Architects
Gunnar Prawitz, AIA
414 359-3060

Contractor: Grunau Project Development
(414) 272-0411

Area: Site: 8.89 Acres
Building: 71,000 sq. ft.

Cost per Sq. Ft.: $70.13

PROJECT DESCRIPTION: Features include a multi-purpose gym, 27 classrooms, administrative offices and an IMC area. The IMC area is part of an atrium space with clerestory windows and a mezzanine with elevator access. The building is air conditioned with a full sprinkler system.

FEATURES

Site Development:

Floors: Concrete Slab on grade; precast concrete plank for mezzanines.

Exterior Walls: Brick on block cavity wall

Interior Walls: Concrete block; drywall on steel studs.

Windows: Aluminum frames with tinted insulated glass; some operable

Roof: Ballasted single ply EPDM; standard seam Kynar finished sloped metal roof over corridors & IMC.

Floor Finishes: Carpet in administration and classrooms; VCT in corridors; ceramic tile in bathrooms; cushioned sheet vinyl in multipurpose.

Base: Vinyl; ceramic tile.

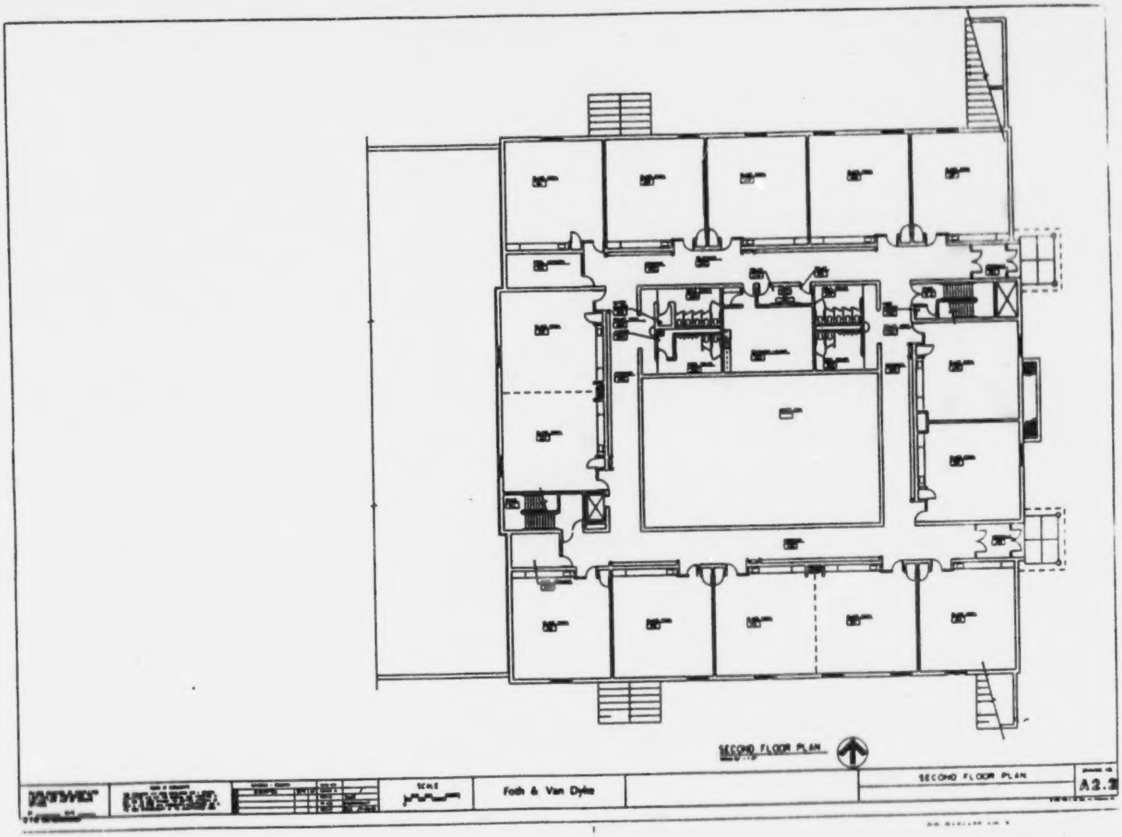
Walls: Paint; wall carpeting & wall fabric over wood fiber board.

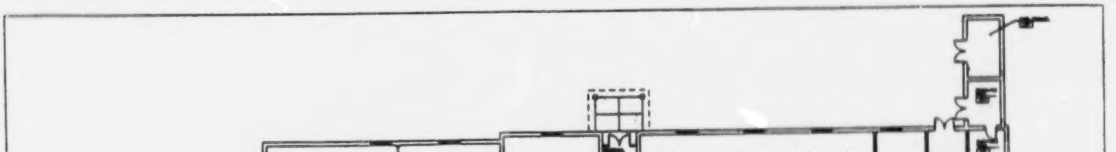
Ceilings: Acoustic wood slats at areas where structure is exposed; 2' x 2' acoustic lay in panels; painted gypsum board.

HVAC: High efficiency gas fired hydronic heating system with perimeter heating and VAV reheat.

Electrical: IES award winning indirect lighting; decorative outside lighting; low voltage energy management system. Computer audio and lighting for upscale stage/ auditorium.

Special Equipment: Closed circuit T.V. Security System; Cable T.V.in all classrooms.


SECOND FLOOR PLAN
Foth & Van Dyke
SECOND FLOOR PLAN
A2.2


FIRST FLOOR PLAN
Foth & Van Dyke
Martin Luther King Jr.
Elementary School
FIRST FLOOR PLAN
A2.1

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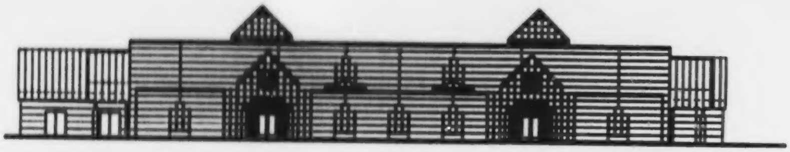


WEST ELEVATION

NAME OF SCHOOL: Dr. Martin Luther King Elementary School
GENERAL INFORMATION

Owner: Green Bay Area Public Schools

Date Construction Completion: 08/92

Costs: Construction: (incl site) $2,861,000

TOTAL: $2,861,000

Architect: Foth & Van Dyke
Green Bay, WI
(414) 497-2500

Contractor: Jacob C. Basten Construction

Area: Site: 4 acres
Building: 60,000 s.f.
Cost per Sq Ft: $47.68

PROJECT DESCRIPTION:

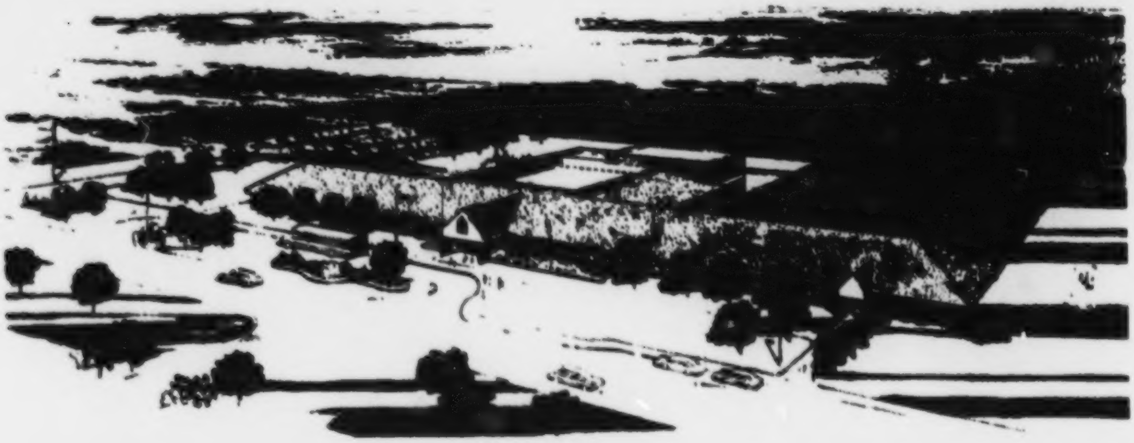
Design of a 60,000 s.f., two-story elementary school. First floor includes classrooms, IMC, multi-purpose room, gymnasium, commons area and administrative spaces. The upper level is accessible a grade through canopied entrances identical to the main entrances. Stairways and an elevator provide interior access to classrooms on the upper floor.

FEATURES

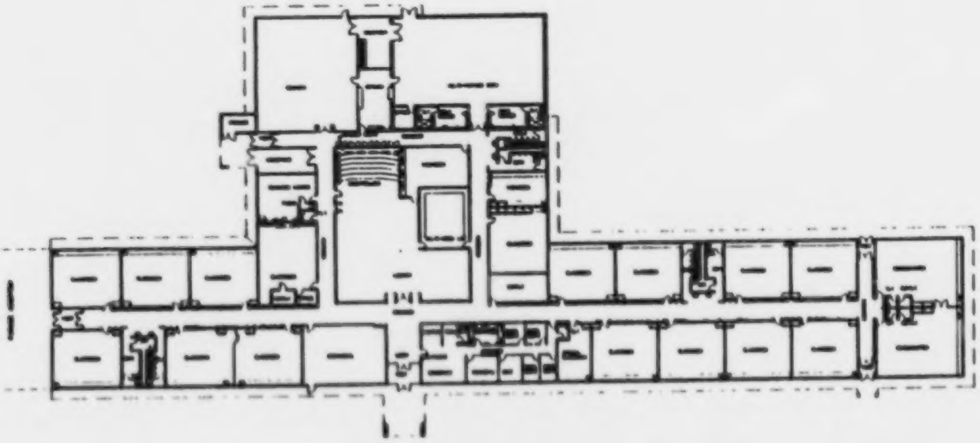
Site Development:	Site preparation, new asphalt paving for drives, parking and play areas, concrete walks and landscaping
Floors:	Concrete slab-on-grade and precast concrete plank with topping
Exterior Walls:	Concrete block, 2" rigid insulation, face brick; glass block at main entrances
Interior Walls:	Concrete block, face brick, glass block, drywall
Windows:	Fixed aluminum windows with tinted glass and integral mini blinds
Roof:	Steel joists with metal deck, 3" rigid insulation and ballasted single-ply membrane. Two 12'X12' skylights in library.
Floor Finishes:	Vinyl tile in classrooms; quarry tile in corridors; carpet in library and central offices; ceramic tile in toilet rooms; wood gym floor
Base:	Ceramic tile, quarry tile and vinyl
Walls:	Paint; ceramic tile in toilet rooms
Ceilings:	2X2 suspended acoustical tile throughout with exposed structure in gym and mechanical spaces
HVAC:	Gas fired, high efficiency boilers serve perimeter base board units and air handling units. Entire building is air conditioned
Electrical:	2X4 and 2X2 lay-in lighting; site lighting
Special Equipment:	Telephone; cable television; public address system; and fire alarm system

CHRISTA McAULIFFE ELEMENTARY SCHOOL

GREEN BAY AREA PUBLIC SCHOOLS GREEN BAY, WISCONSIN



Christa McAuliffe Elementary is located on 8.72 acres of land in the Town of Bellevue which is the fastest growing population area in Brown County. To help ease overcrowding within the school distirct, a 45,770 square foot facility designed for an enrollment of 450 students in Grades K-5 was constructed. To fit into the rural residential setting, the schools roofs are pitched concrete tile roofing on over 80% of the building. With the red face brick exterior, the building has the charm of the old Red Brick School House. The floor plan was designed with two wings with the Library as the focal point as you enter the school from the canopied entry. The art and music classrooms along with the gymnasium and cafeteria are also centrally located. Particular attention was focused on the design of exterior walls and ceilings for energy conservation for the fully air conditioned building.



ARCHITECTS GROUP LIMITED

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NAME OF SCHOOL: CHRISTA McAULIFFE ELEMENTARY SCHOOL
GREEN BAY, WISCONSIN

GENERAL INFORMATION

Owner: Green Bay Area School District
Dr. Thomas Joynt, District Administrator

Architect: Architects Group Ltd.
(414)432-1232

Date Project Approved by S.D: November, 1989
Date Construction Start: July 2, 1990
Date Construction Completion: June 15, 1991

Contractor: Zeise Construction
(GeneralContractor)
Area: Site: 380,000 sq.ft.
Building: 45,770 sq.ft.

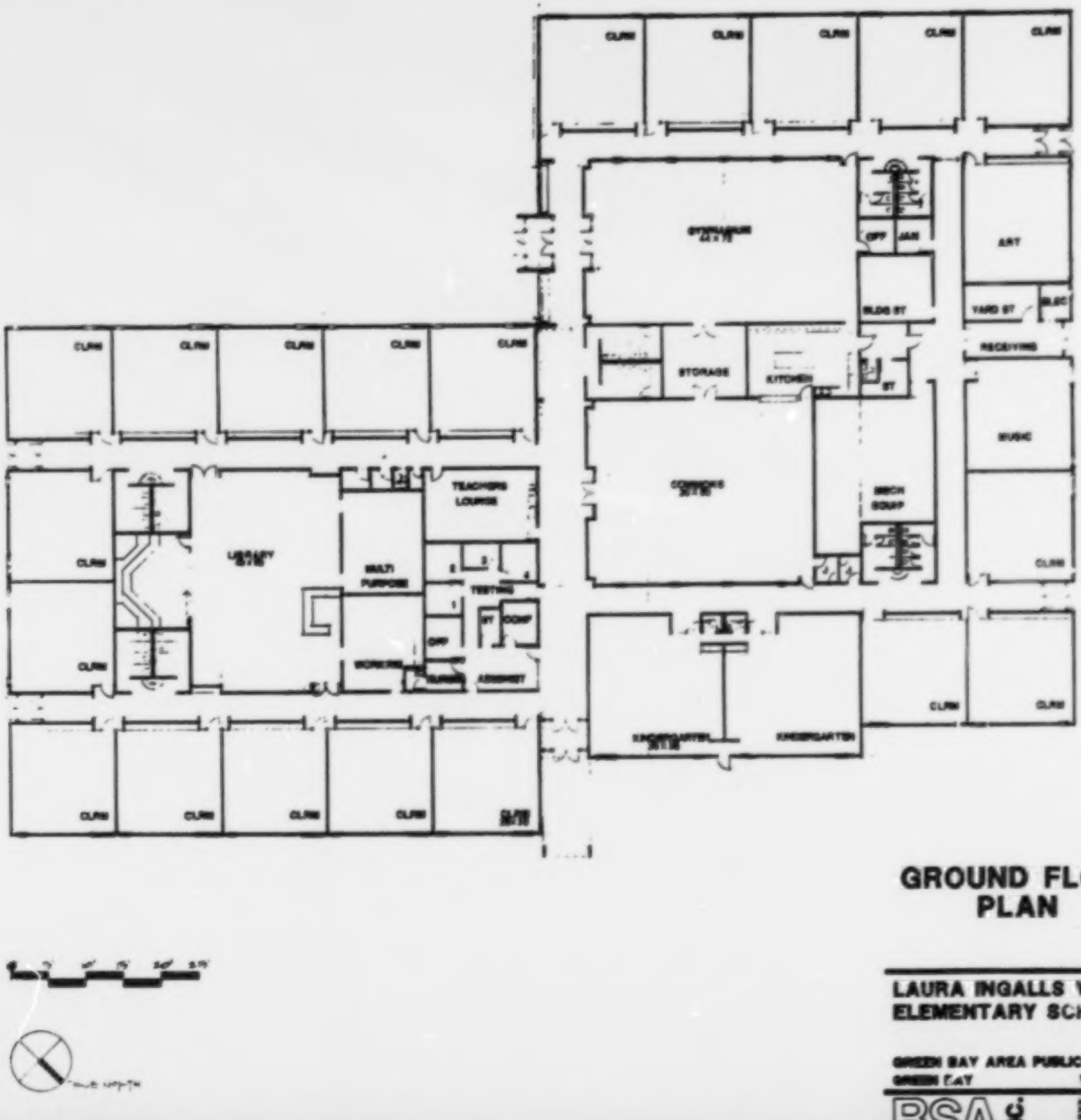
Costs: Construction: $2,515,879.40

Cost per Sq.Ft.: $54.96

PROJECT DESCRIPTION: One story elementary school with sixteen classrooms, two kindergarten, one art, library with computer room and one music, plus stepped seating, story telling area, multi-purpose (gym), commons (lunch), administration, brick veneer, wood trusses, concrete tile roof (80% pitched roofs), tile corridors.

FEATURES

Site Development:	Open farm field. School is sited for further expansion when required. Parking lot will accommodate 84 cars. 51,250 sf paved playground. Separate auto drop off/pick-up for students.
Floors:	Concrete slab on grade.
Exterior Walls:	4" bace brick over 2x6 stud walls with 6" fiberglass insulation plus 1/2" gypsum board over 1" rigid insulation, or 4" face brick with 2" rigid insulation with 12" block back up. R=26.
Interior Walls:	Concrete block corridor and classroom walls. Gypsum board over metal studs at administration.
Windows:	Aluminum clad wood double hung, double glazed with slimshades.
Roof:	Pitched concrete tile roofing over 80% of building. Flat roofs (20%) single ply membrane-ballasted over wood trusses.
Floor Finishes:	Public areas and toilets are porcelain tile; classrooms are resilient tile, office/lounge has carpet; gym has wood floor; library, story telling, music, etc. has carpet also.
Base:	Porcelain tile, resilient tile.
Walls:	Painted gypsum board, epoxy painted concrete block in corridors, classrooms, gym, receiving, etc. Porcelain tile in toilet rooms above wash fountains and water coolers.
Ceilings:	2x2 lay-in mineral fiber acoustical ceiling tile, R43 insulation value.
HVAC:	Gas fired hot water boiler with VAV system. Complete with hot and cold decks. Each space individually thermostated. Complete school is air conditioned.
Electrical:	2x4 lay-ins throughout. All classrooms have clocks, bell system, telephone/television system and sound system.
Special Equipment:	Fire alarms, bell, I.T.F.S., intercom, computer, music-room sound absorbtion panels.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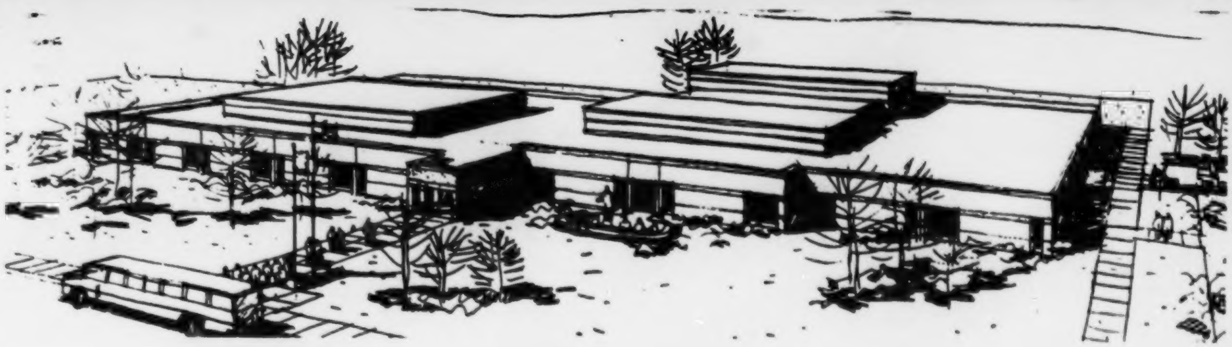
KINDERGARTEN
TRUE NORTH

GROUND FLOOR PLAN

LAURA INGALLS WILDER
ELEMENTARY SCHOOL

GREEN BAY AREA PUBLIC SCHOOLS
GREEN BAY WISCONSIN

BSA INC.



NAME OF SCHOOL: LAURA INGALLS WILDER ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Green Bay Area Public Schools

Date Construction Start: Bid 7/89
Date Construction Completed: January 1991

Costs: Construction: $2,395,332
Site Work: (included above)

Architect: Berners-Schober Associates, Inc.
(414) 432-4865
Contractor: Geo. M. Hougard & Sons, Inc.
(414) 497-7777
Area: Building: 47,000 SF

Cost per Sq. Ft.: $51.00/SF (incl. sitework)

PROJECT DESCRIPTION: One story, K-5 elementary school, twenty-two classrooms, two kindergartens, Library, Commons, Gymnasium and support areas.

FEATURES

Site Development: School/park site; asphalt drives and parking lot, concrete sidewalks and landscaping.

Floors: Concrete slab-on-grade

Exterior Walls: Face brick with concrete block accents, insulated cavity and concrete block back-up.

Interior Walls: Concrete block

Windows: Thermally broken aluminum with insulating glass.

Roof: Balasted EPDM

Floor Finishes: Vinyl composition tile in classrooms and corridors, carpet in Library and offices, wood Gymnasium flooring, ceramic tile in Toilet Rooms.

Base: Vinyl and ceramic tile.

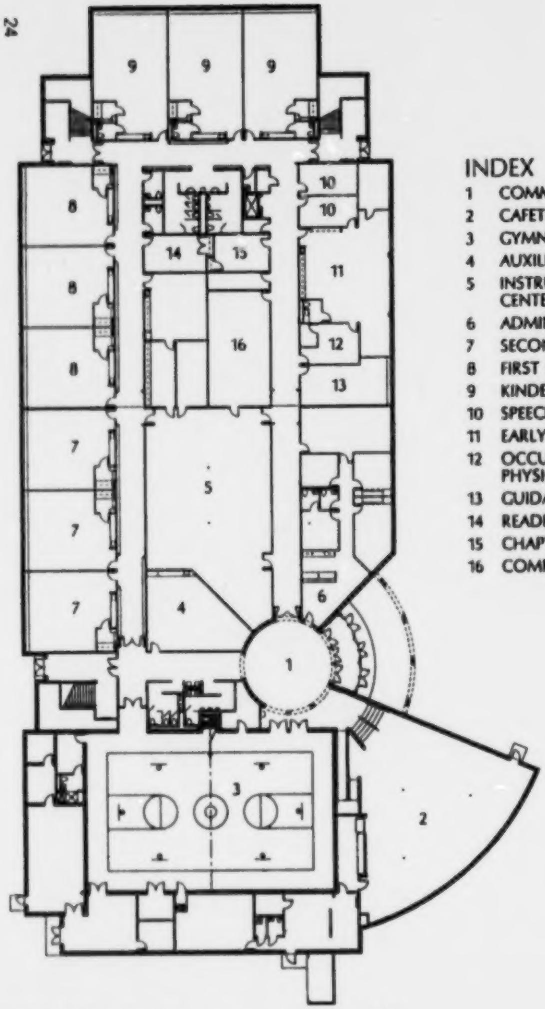
Walls: Painted block

Ceilings: 2 x 4 lay-in acoustical tile typical, exposed structure in Gym.

HVAC: Thru-wall unit ventilators at exterior rooms, central air handling units for interior spaces.

Electrical: Lay-in 2 x 4 fluorescent fixtures typical, indirect metal halide pendants in the Library, metal halide in Gym, power, clock, bell, communications and alarm.

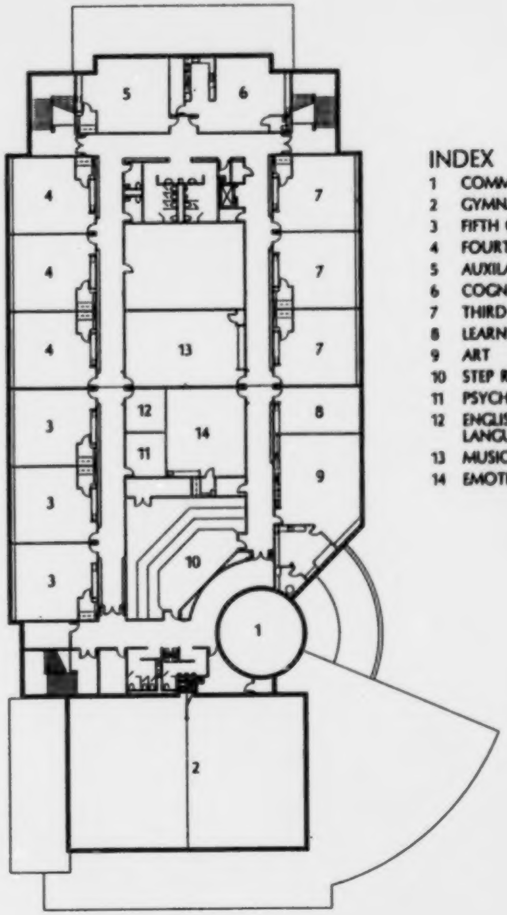
Special Equipment:



FIRST LEVEL FLOOR PLAN

INDEX

1 COMMONS
2 CAFETERIA
3 GYMNASIUM
4 AUXILLARY CLASSROOM
5 INSTRUCTIONAL MEDIA CENTER
6 ADMINISTRATION
7 SECOND GRADE
8 FIRST GRADE
9 KINDERGARTEN
10 SPEECH
11 EARLY CHILDHOOD
12 OCCUPATIONAL THERAPY/ PHYSICAL THERAPY
13 GUIDANCE
14 READING
15 CHAPTER ONE
16 COMPUTER LAB



SECOND LEVEL FLOOR PLAN

INDEX

1 COMMONS BELOW
2 GYMNASIUM BELOW
3 FIFTH GRADE
4 FOURTH GRADE
5 AUXILARY CLASSROOM
6 COGNITIVELY DISABLED
7 THIRD GRADE
8 LEARNING DISABLED
9 ART
10 STEP ROOM
11 PSYCH
12 ENGLISH AS A SECOND LANGUAGE
13 MUSIC
14 EMOTIONALY DISABLED

MAPLE GROVE ELEMENTARY SCHOOL

GREENFIELD, WISCONSIN

Potter Lawson

Architects Engineers Interiors

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Maple Grove Elementary School

General Information

Owner: Greenfield School District
Dr. Wm. Larkin, District Administrator

Date Project Approved by S.D.: March 1992
Date Construction Start: June 1992
Date Construction Completion: September 1993

Construction Cost: $4,950,000

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Construction Manager: Hunzinger Construction

Area: **Site:** 4.5 acres
Building: 74,500 sf

Cost/Sq. Ft.: $67.35

Project Description: A new K-5 facility to accommodate 450 students to replace an aging facility on the same site. The new school is fully air conditioned and sprinklered. Maple Grove has an auxiliary classroom for future expansion and a special ed class with a teaching kitchen.

Features

Site Development: Demolition of existing school, parking for 50 cars, softball field and playground facilities.

Floors: Concrete slab on grade; steel frame with concrete and precast.

Exterior Walls: Brick with rigid insulation and concrete block back-up.

Interior Walls: Concrete block and metal stud.

Windows: Aluminum with built-in vertical blinds.

Roof: Metal and ballasted single ply roofing system

Floor Finishes: Carpet in classrooms and offices, VCT in halls, gym and cafeteria.

Base: Vinyl

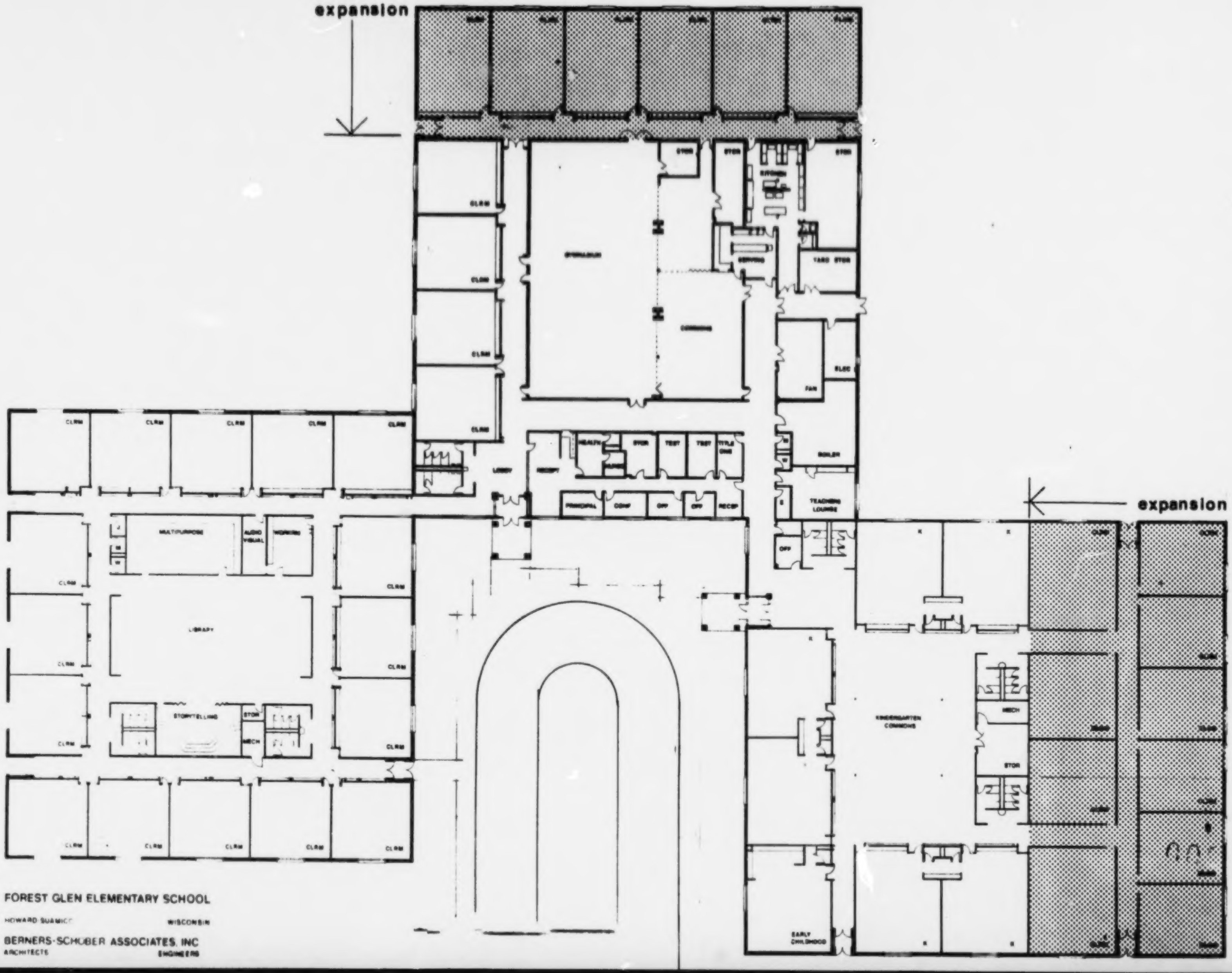
Walls: Vinyl covered gypsum wallboard.

Ceilings: 2 x 4 lay-in acoustical tile.

HVAC: Forced air, fully air conditioned and sprinklered.

Electrical: 2 x 4 troffers

Special Equipment: Serving kitchen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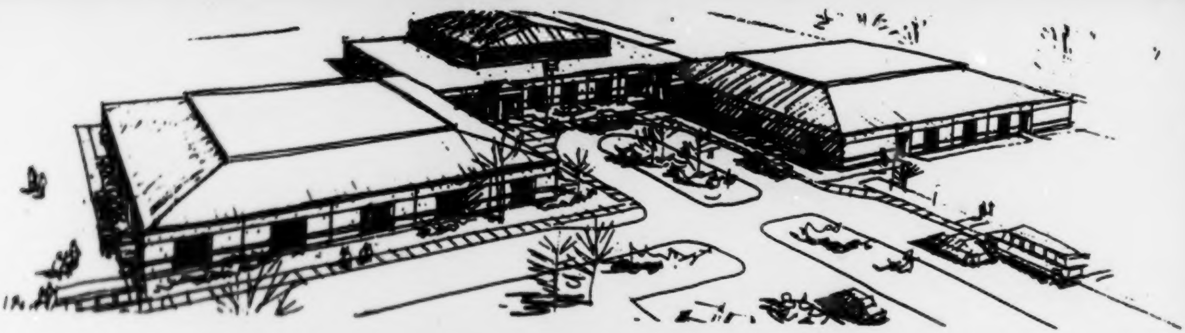
FOREST GLEN ELEMENTARY SCHOOL

HOWARD-SUAMICO WISCONSIN

BERNERS-SCHOBER ASSOCIATES, INC
ARCHITECTS ENGINEERS



NAME OF SCHOOL: FOREST GLEN ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: School District of Howard Suamico

Date Construction Start: Bid 3/90
Date Construction Completed: October 1991

Costs: Construction: $3,824,491
Site Work: (included above)

Architect: Berners-Schober Associates, Inc.
(414) 432-4865
Contractor: Geo. M. Hougard & Sons, Inc.
(414) 497-7777
Area: Building: 84,080 SF
(includes 17,950 SF unfinished space)
Cost per Sq. Ft.: $45.50/SF (incl. sitework)

PROJECT DESCRIPTION: One story Early Childhood through Grade 5, steel frame construction, 31 classrooms with unfinished space for 16 additional classrooms. The building is arranged in three units. One contains the Library/Computer area and upper grades; another contains the Gym, Commons, Kitchen, Administrative offices and classrooms, and the third contains Early Childhood, Kindergarten, classrooms and large multi-purpose room.

FEATURES

Site Development: Rural area open field site, asphalt access drives and parking lots, concrete sidewalks and landscaping.

Floors: Concrete slab-on-grade

Exterior Walls: Face brick and split face concrete block, insulated cavity and concrete block back-up.

Interior Walls: Concrete block typically with some metal stud and gypsum board partitions.

Windows: Thermally broken aluminum with insulating glass.

Roof: Painted standing seam metal and ballasted EPDM.

Floor Finishes: Quarry tile entry and Kitchen; carpet in classrooms, Library, and offices; wood in Gymnasium; vinyl composition in Commons; ceramic in Toilet Rooms.

Base: Quarry tile, vinyl, ceramic tile.

Walls: Painted concrete block, typical, paint and fabric wallcovering on gypsum partitions in offices.

Ceilings: 2 x 4 lay-in acoustical tile. Ceilings in classrooms below metal roof slope to follow roof pitch.

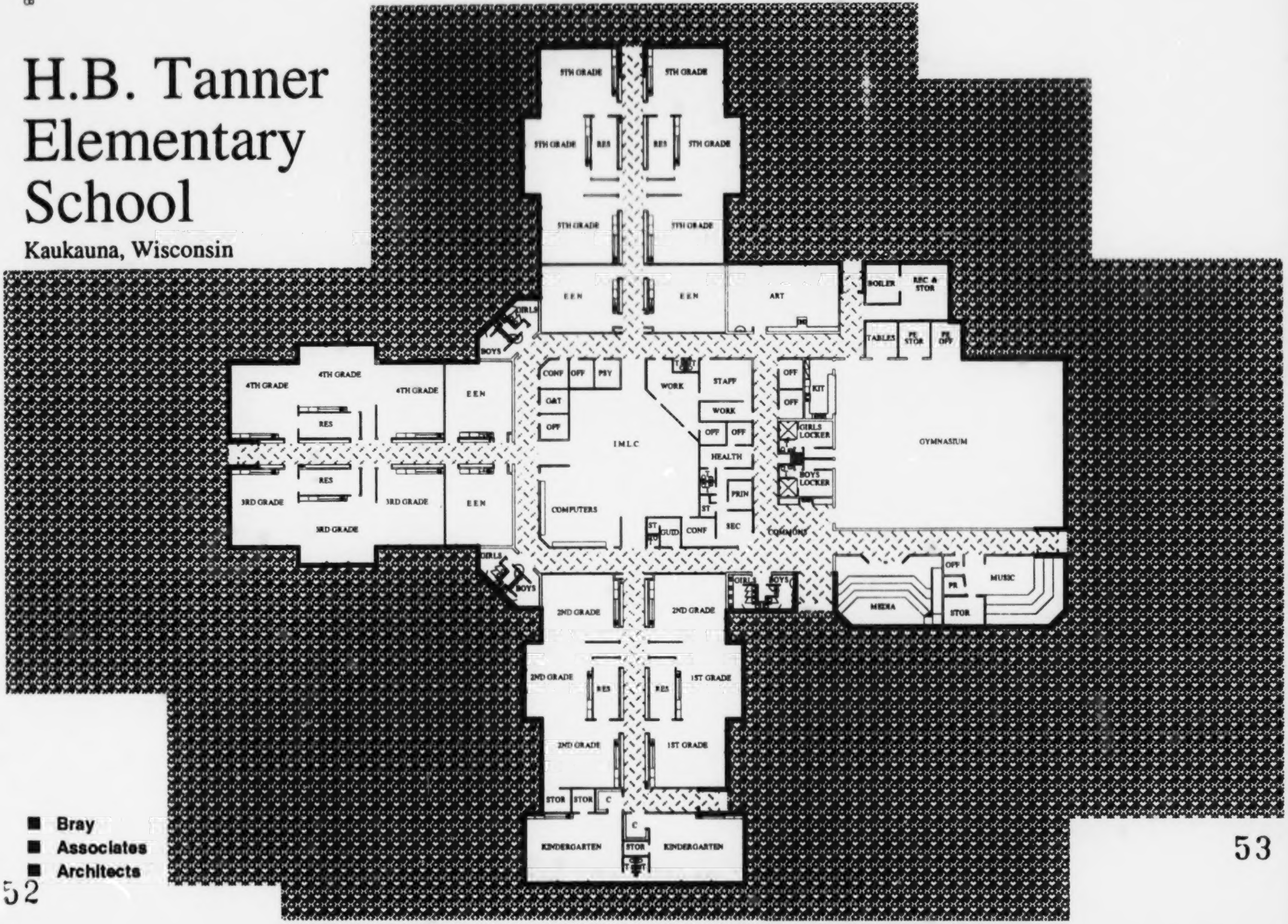
HVAC: Exterior rooms have thru-wall unit ventilators for heat and future A/C capacity. Office areas are air conditioned.

Electrical: Lights in high ceiling areas are pendent type indirect fluorescent, 2 x 4 lay-in fluorescent, exterior lighting, power, clock, bell, fire alarm, communications.

Special Equipment: Sprinkler system in one future expansion classroom area for use as storage.

H.B. Tanner Elementary School

Kaukauna, Wisconsin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■ **Bray**
■ **Associates**
■ **Architects**

NAME OF SCHOOL: H.B. TANNER ELEMENTARY SCHOOL, KAUKAUNA

GENERAL INFORMATION

Owner: Kaukauna Area School District
Dr. Lee Sludzinski, District Administrator

Date Project Approved by S.D: May 1990
Date Construction Start: August 1990
Date Construction Completion: August 1991

Costs:		
	Construction:	$2,792,456
	Site Work:	$175,000
	Equipment:	$300,000
	TOTAL:	$3,267,456

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Jim Pankow, Inc.
(414) 893-0596

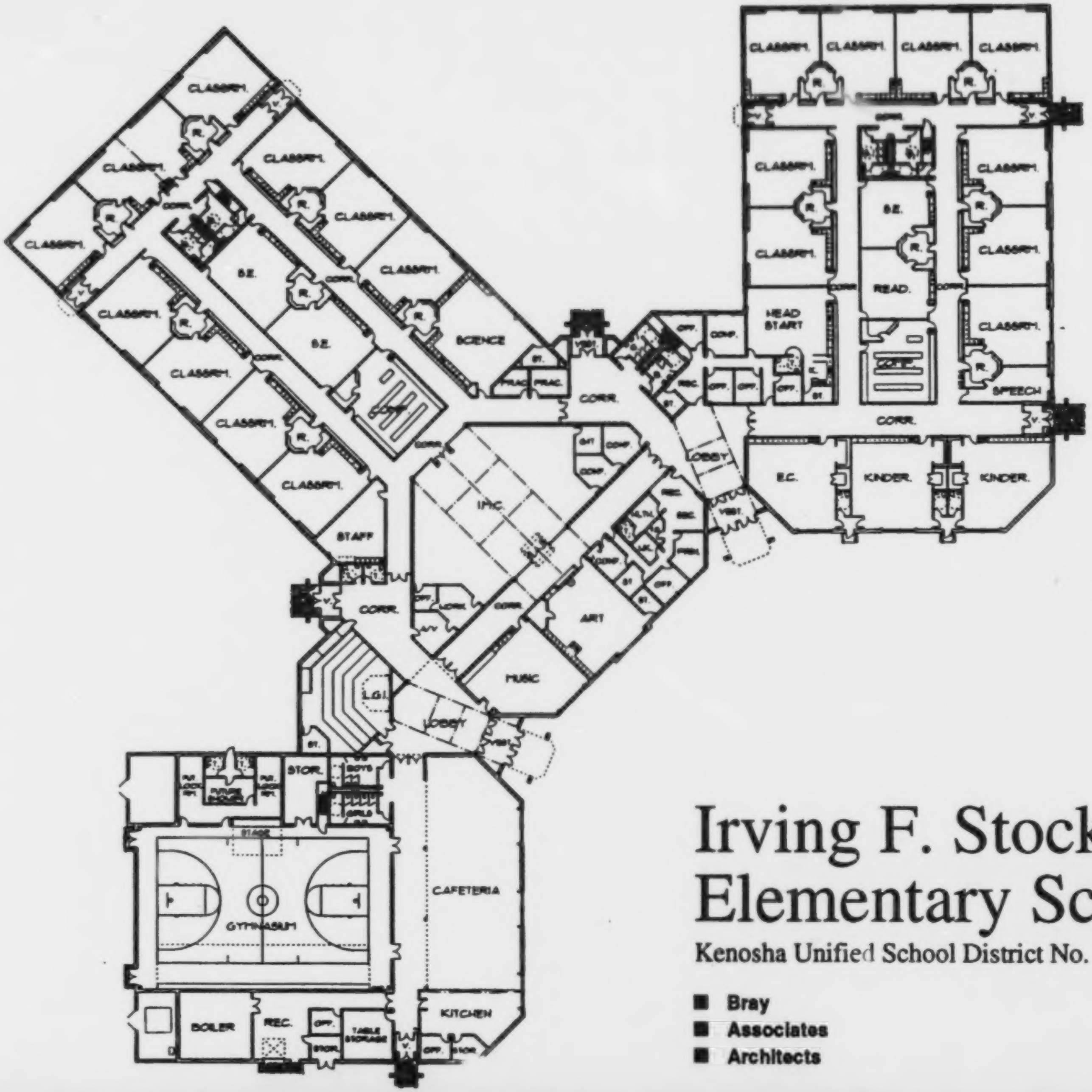
Area: Site: 15 acres
Building: 61,830 SF

Cost per Sq. Ft.: $52.85

PROJECT DESCRIPTION: A new K-5 school with separate resource areas for each grade level. A main street concept surrounds the central core IMC as it leads to each house of grade classrooms.

FEATURES

Site Development:	The site is adjacent to the existing 3-8 school which was converted to a 6-8 middle school.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office, IMC, and classrooms.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Existing gas fired boilers serve perimeter radiation with heating coils in duct work. Office area is air conditioned.
Electrical:	2 x 4 lay-in troffer lighting in classrooms and offices, parabolic in computer labs, site lighting, telephone, cable television, clock, intercom system, and fire alarm systems.
Special Equipment:	Fire alarm system, clock, and bell system.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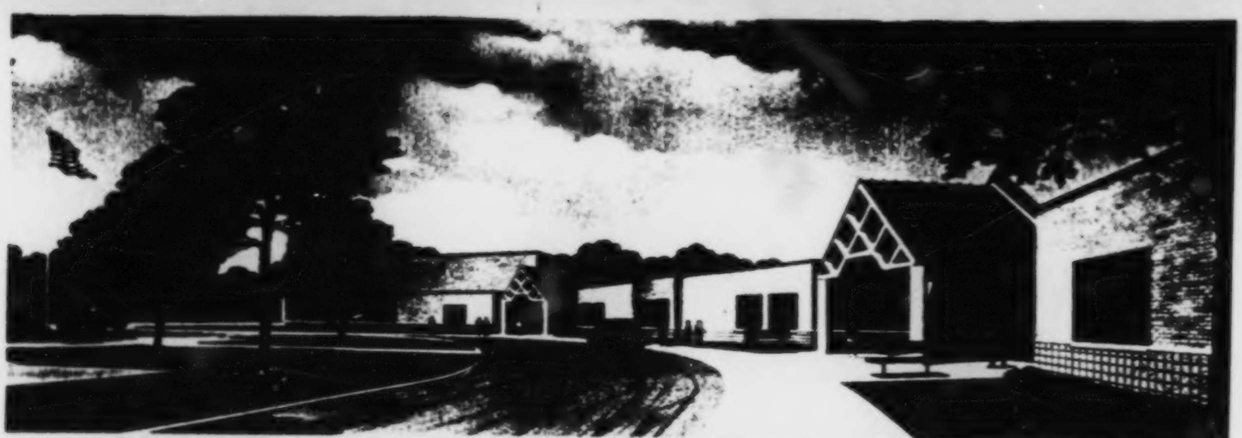
CAFETERIA
BOILER
REC.
TABLE STORAGE
KITCHEN
BOYS
GIRLS

Irving F. Stocker Elementary School

Kenosha Unified School District No. 1

- ■ **Bray**
- ■ **Associates**
- ■ **Architects**



NAME OF SCHOOL: IRVING F. STOCKER ELEMENTARY SCHOOL, KENOSHA

GENERAL INFORMATION

Owner: Kenosha Unified School District No. 1
Dr. Anthony Bisciglia, District Administrator
Mr. Robert Zuehlsdorf, Director of Facilities
Mr. Rex Blake, Engineer

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D:	September 1991
Date Construction Start:	May 1992
Date Construction Completion:	August 1993

Contractor: Riley Construction Co., Inc.
(414) 658-4381

Costs:	**Construction:**	$4,192,810
	Site Work:	$420,000
	Equipment:	$560,000
	TOTAL:	$5,172,810

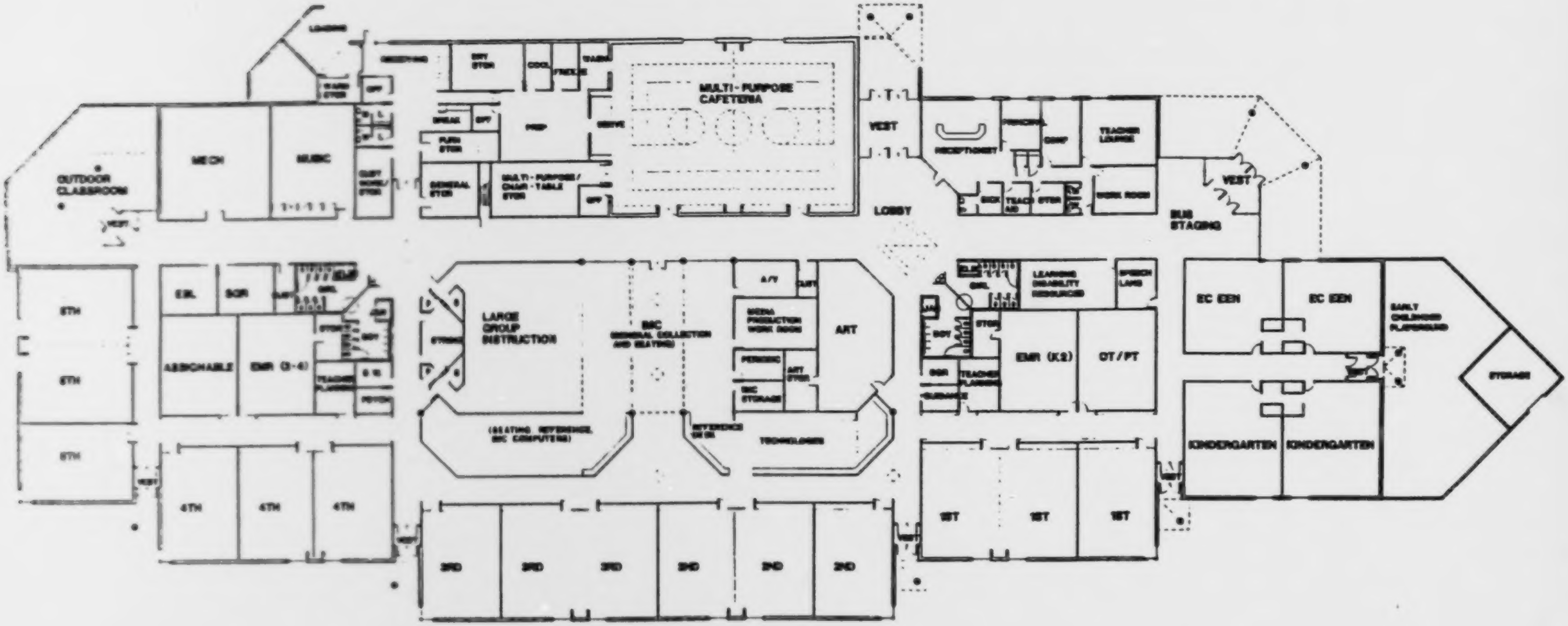
Area: Site: 12 acres
Building: 85,787 SF

Cost per Sq. Ft.: $60.30

PROJECT DESCRIPTION: A K-6 elementary school with three distinct educational wings linked by a corridor which functions as a mainstreet between grades 4-6, K-3 and the multi-use public areas. A unique feature is 250 SF resource rooms shared by two classrooms for individualized construction and/or computer use.

FEATURES

Site Development:	A small site located next to a park. Work includes bituminous drives, parking and play, plus landscaping.
Floors:	Concrete slab on grade.
Exterior Walls:	4" patterned cement masonry units with 2" rigid insulation and 8" interior block.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, casement type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 2 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. The entire building is air conditioned with an ice storage system.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.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(SEATING REFERENCE IMC COMPUTERS)
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SOUTHSIDE ELEMENTARY SCHOOL
LA CROSSE, WISCONSIN

FLOOR PLAN

0 16

SOUTHERN BLUFFS ELEMENTARY SCHOOL, LA CROSSE, WISCONSIN

GENERAL INFORMATION

Owner: School District of La Crosse
Richard Swantz, District Administrator

Architect: HSR Associates, Inc.
(608) 784-1830

Contractor: Fowler & Hammer
(608) 782-6849

Date Project Approved by S.D.:	May 1990
Date Construction Start:	July 1991
Date Construction Completion:	July 1992

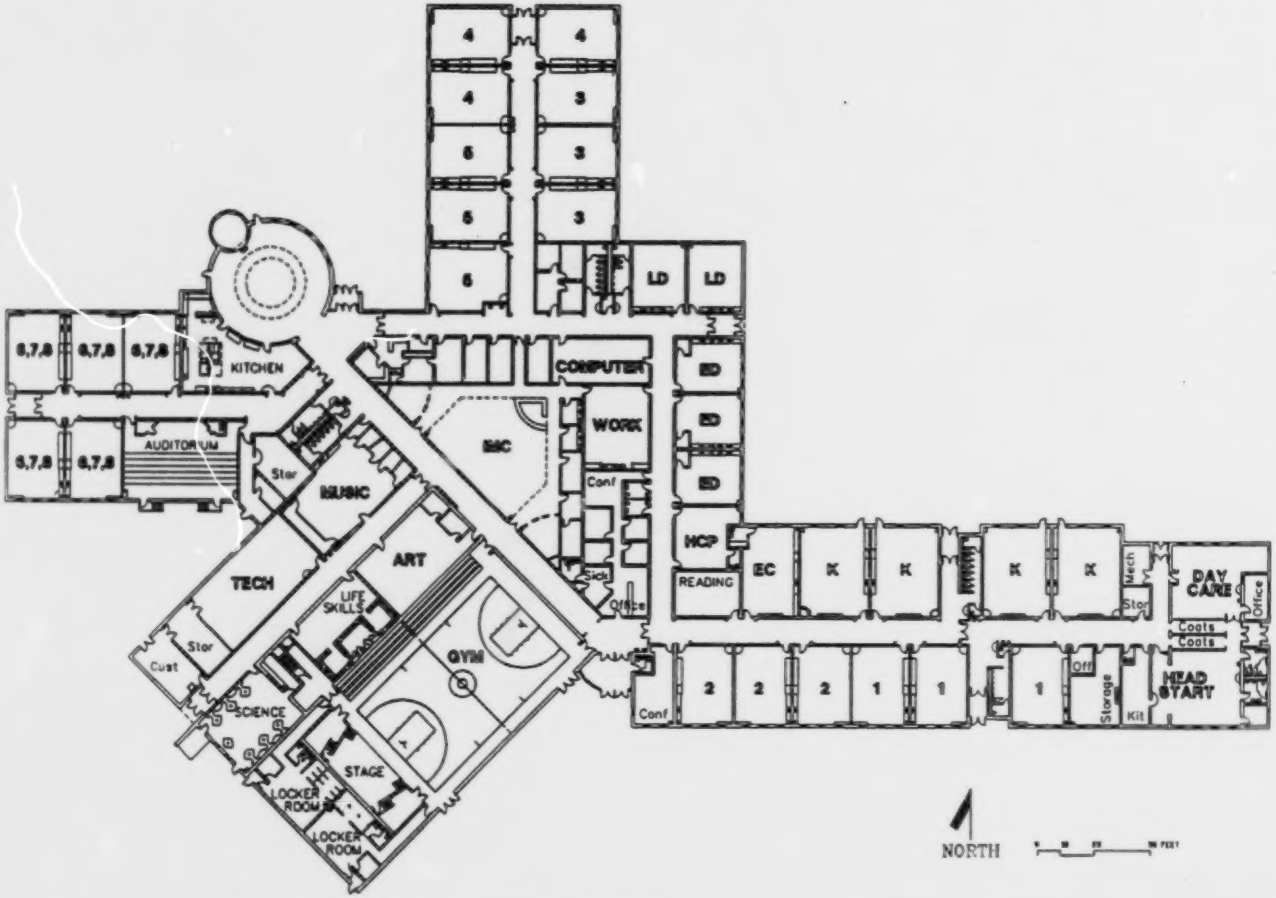
Costs:	**Construction:**	$3,240,594
	Site Work:	304,000
	Equipment:	347,000
	TOTAL:	3,891,000

Area:	**Site:**	8.1 Acres
	Building:	70,400 SF
Cost per Sq. Ft.:		$55.27

PROJECT DESCRIPTION: Twenty classroom facility accommodating 450 students with gym/multi-purpose room, LMC, full prep kitchen, art room, music room, large group instruction room, special education facilities.

FEATURES

Site Development:	Site includes 2 softball fields, 1 football/soccer field, 1 basketball court, 5000 SF hardsurface play area, soft surface play area with play structure, 600 SF maintenance garage, parking for 75 cars, bus lane.
Floors:	Carpet, ceramic tile, vinyl composition tile.
Exterior Walls:	Brick/block/insulation/gypsum board, thincoat plaster in classroom and administration. Cavity walls with insulation in multi-purpose room, mechanical and service areas.
Interior Walls:	Metal stud/gypsum board/thin coat plater, concrete block, ceramic tile.
Windows:	Thermally broken aluminum frames, insulating glass.
Roof:	Single ply membrane - EPDM.
Floor Finishes:	Carpet, ceramic tile, vinyl composition tile.
Base:	Vinyl.
Ceilings:	2 x 2 acoustic panel, gypsum board.
HVAC:	Gas-fired boilers, VAV, complete air conditioning.
Electrical:	Deep cell parabolic lighting, fire alarm, smoke detectors, PA, master clock, A/V, CCTV, computer circuitry.
Special Equipment:	Lockers, casework, kitchen equipment.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FLOOR PLAN

LAC DU FLAMBEAU SCHOOL
LAC DU FLAMBEAU, WISCONSIN

Seymour Davis Seymour

NAME OF SCHOOL: LAC DU FLAMBEAU ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
Lac du Flambeau #1 School District
Richard Vought, District Administrator

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Date Project Approved by S.D:	**February 1992**
Date Construction Start:	**April 1992**
Date Construction Completion:	**August 1993**

Contractor: **Wayne Nasi Construction**
(715) 561-5153

Costs:	**Construction:**	**$6,186,410.00**
	Site Work:	**$563,590.00**
	Equipment:	**$250,000.00**
	TOTAL:	**$7,000,000.00**

Area: **Site: 30 acres**
Building: 95,000

Cost per Sq. Ft: **$64.00 (building only)**
$73.00 (including site work)

PROJECT DESCRIPTION: New K-8 elementary school located on the Lac du Flambeau Indian Reservation. Common use areas are centralized with wings for pre-K-2, 3-5, and 6-8 radiating off of this core. Space was provided for a Head Start program. A major portion of the site development included the construction of playfields serving the community.

FEATURES

Site Development: Various school and community facilities, parking and play equipment. Approximately 15 of 30 acres were developed for community use.

Floors: Concrete.

Exterior Walls: Brick/Block cavity walls.

Interior Walls: Painted concrete block.

Windows: Metal.

Roof: Single-ply membrane and standing seam metal.

Floor Finishes: Terrazzo, vinyl composite tile, and carpet.

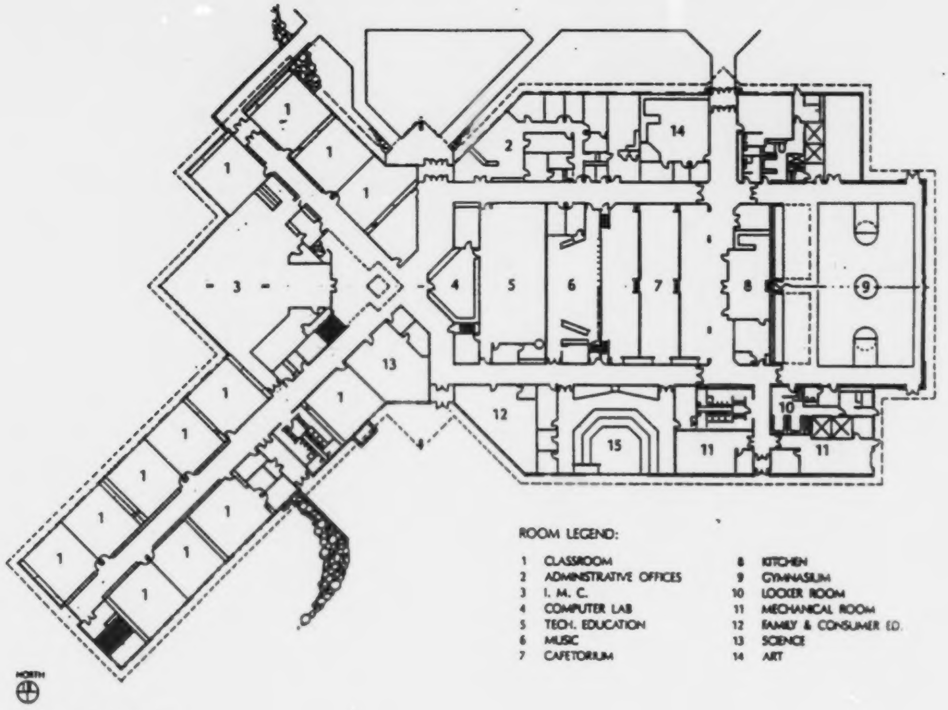
Base: Vinyl, glazed concrete block.

Walls: Painted concrete block in corridors, classrooms and offices; ceramic tile in restrooms.

Ceilings: Lay-in acoustical tile.

HVAC: Forced air with air conditioning.

Electrical: Energy efficient ballasts in fluorescent lighting, fire alarm, security monitoring system, computer/phone network with other area schools.



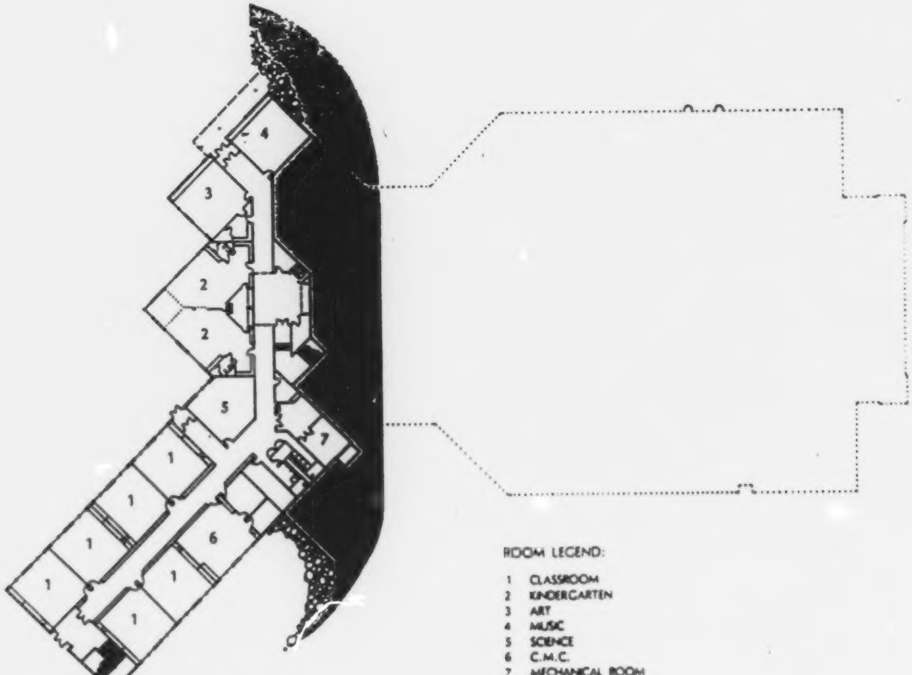
ROOM LEGEND:

1	CLASSROOM
2	ADMINISTRATIVE OFFICES
3	I. M. C.
4	COMPUTER LAB
5	TECH. EDUCATION
6	MUSIC
7	CAFETORIUM
8	KITCHEN
9	GYMNASIUM
10	LOCKER ROOM
11	MECHANICAL ROOM
12	FAMILY & CONSUMER ED.
13	SCIENCE
14	ART

FIRST FLOOR PLAN

LAKE COUNTRY SCHOOL
DELAFIELD, WISCONSIN

Potter Lawson
ARCHITECTS



ROOM LEGEND:

1	CLASSROOM
2	KINDERGARTEN
3	ART
4	MUSIC
5	SCIENCE
6	C.M.C.
7	MECHANICAL ROOM

GROUND FLOOR PLAN

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Lake Country School

Owner: Lake Country School District
Melinda Waggoner, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: June 1992
Date Construction Start: December 1992
Date Construction Completion: December 1993

Construction Manager: J.H.. Findorff & Son

Costs:	**Construction**	$6,395,500
	Site Work	649,500
	Equipment	*(Added kitchen equipment) (Furniture)
	TOTAL:	$7,045.000

Area:	**Site:**	34.68 Acres
	Building:	100,000 sq. ft.
Cost/Sq. Ft.:		$70.45/SF

Project Description: The new Lake Country School will consolidate the students from two existing outdated schools. Shared resources allowed the design to include extensive art, music, computer and technology facilities not previously available to students.

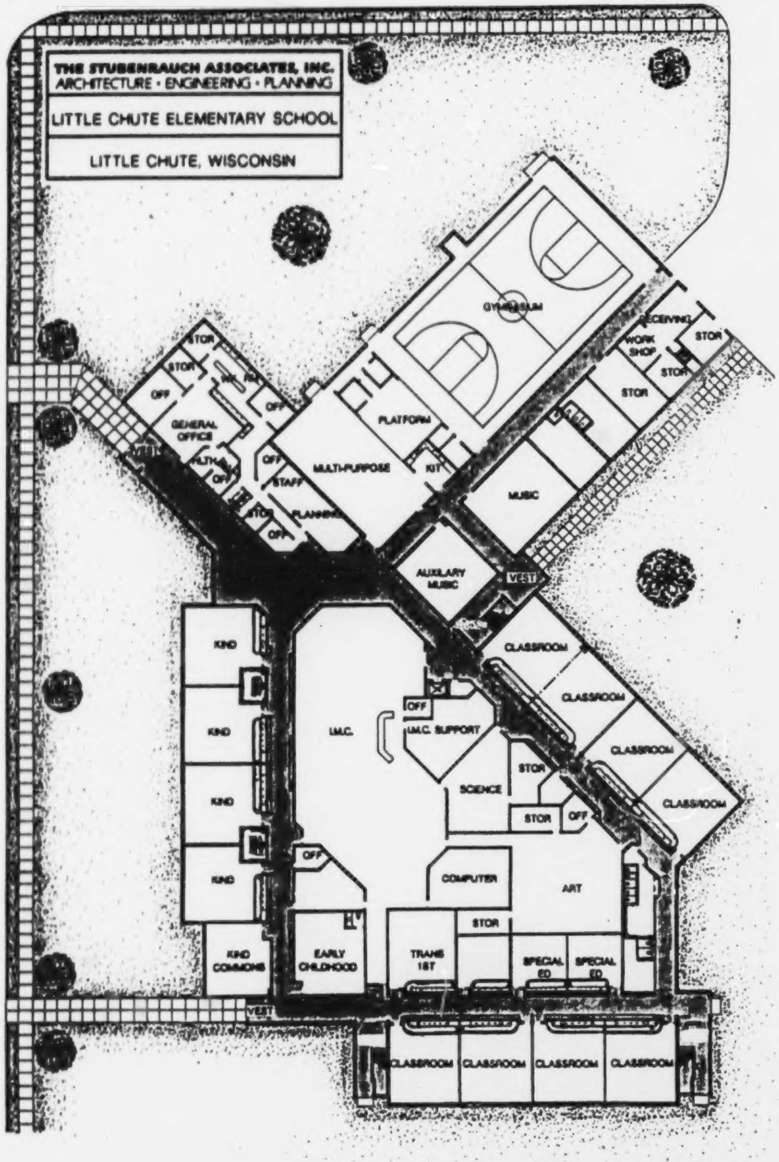
The building is located on a sloped site. At the center of the two classroom wings is the library that has exterior windows that overlook the wetlands. The natural site is used as an integral part of the teaching curriculum.

Features

Site Development:	West half of site is natural "conservancy area". Site development had to blend into natural setting.
Floor Finishes:	Carpet and VCT/WD gym floor.
Exterior Walls:	Brick with precast concrete bands, sills and medallions
Interior Walls:	Painted CMU and GWB.
Windows	Operable Pella Clad wood windows with "thin blinds"
Roof:	Modified bituminous at 2 /12 with " dia. washed stone ballast
Base:	Vinyl and ceramic tile
Walls:	Concrete masonry or gypsum wallboard.
Ceilings:	Lay-in 2 x 2 and 2 x 4
HVAC:	VAV boxes/forced air with A.C.

Electrical: 277/480 volt, 3 phase, 4 wire electrical distribution system, 2 x 4 3 lamp lay-in flourescent light fixtures, data, fire, alarm and phone system.

Special Equipment * Full prep kitchen/mostly new furniture



THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

LITTLE CHUTE ELEMENTARY SCHOOL

LITTLE CHUTE, WISCONSIN

GYMNASIUM
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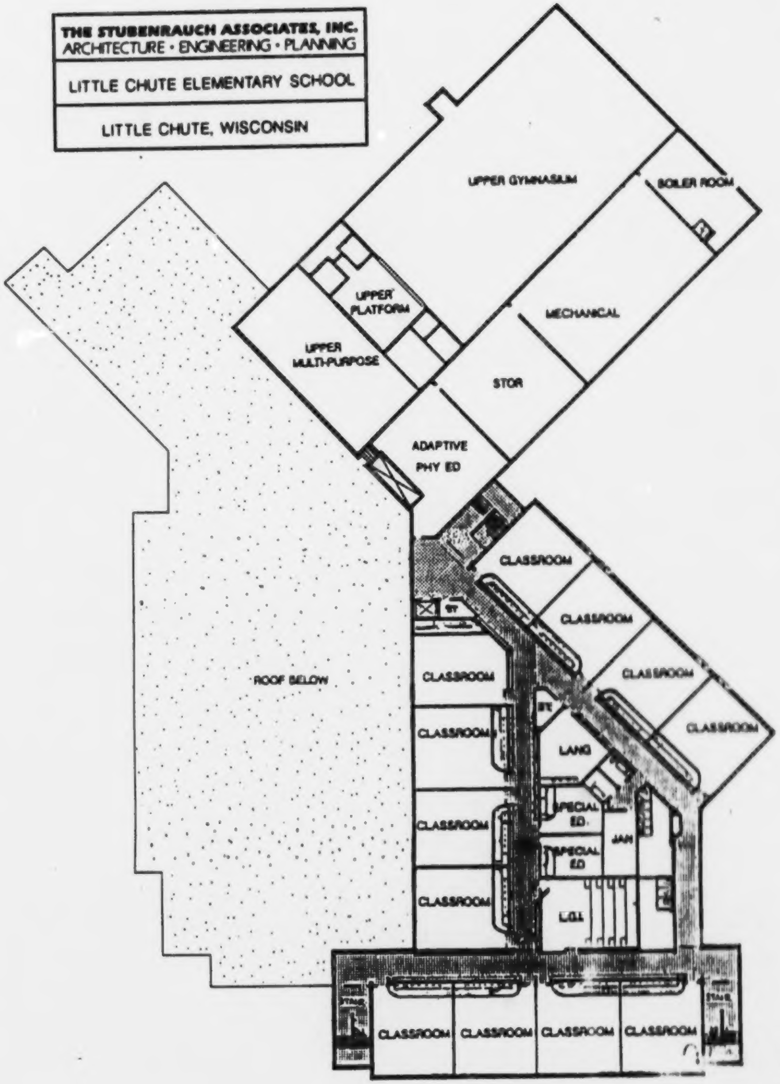

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

LITTLE CHUTE ELEMENTARY SCHOOL

LITTLE CHUTE, WISCONSIN

UPPER GYMNASIUM
BOILER ROOM
UPPER PLATFORM
MECHANICAL
UPPER MULTI-PURPOSE
STOR
ADAPTIVE PHY ED
ROOF BELOW
CLASSROOM
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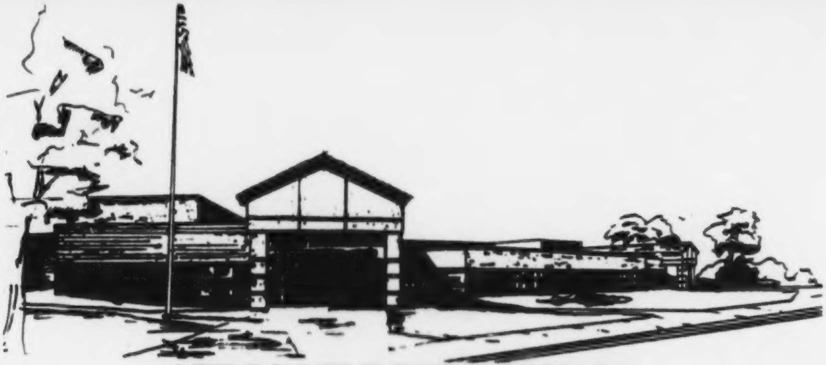


LITTLE CHUTE ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Little Chute Area School District
William Fitzpatrick, District Administrator

Date Project Approved by S.D: January 1991
Date Construction Start: August 1991
Date Construction Completion: August 1992

Costs:

Construction:	$3,226,619
Site Work:	80,000
Equipment:	55,000
TOTAL:	$3,361,619

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: George M. Hougard
(414) 497-7777

Area: **Site:** 3.5 acres
Building: 83,400 sq. ft.

Cost per Sq. Ft.: $40.31

PROJECT DESCRIPTION: Twenty classrooms for Grades 1-5. Four Kindergarten classrooms with a kindergarten commons. EC/Transitional first grade and five special education classrooms. Art, Science, two Music Rooms, kitchen, Guidance offices, and Administration. A high school sized gym, and a multi-purpose room with platform. The IMC is situated as the prominent, central area of the building.

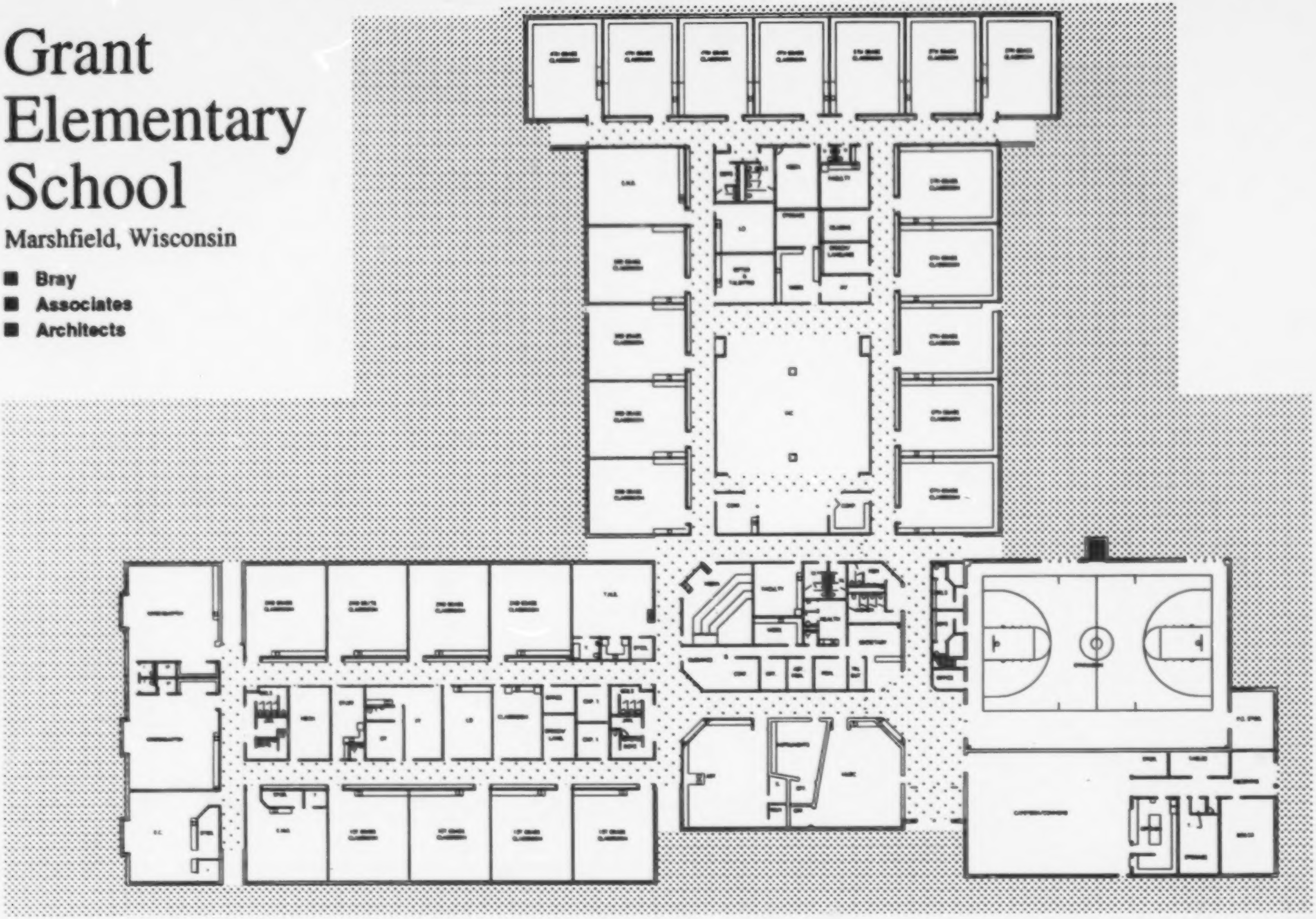
FEATURES

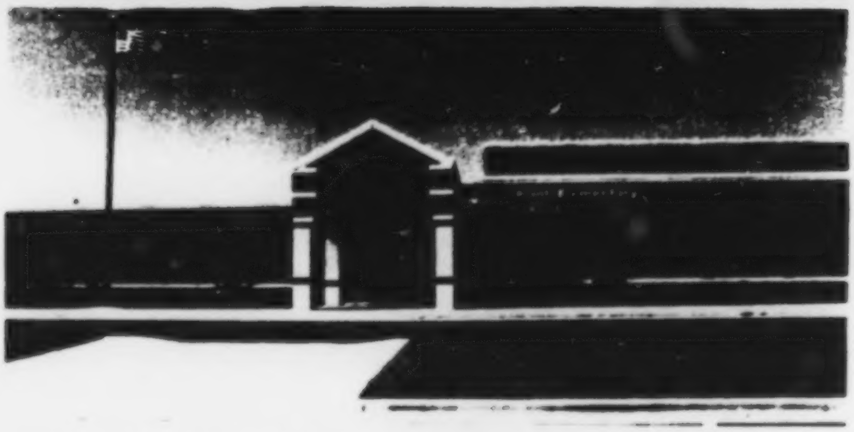
Site Development:	35-car parking lot, sidewalks and landscaping.
Floors:	Concrete slab on grade. Precast concrete with topping.
Exterior Walls:	Utility brick and split face block, 2" rigid insulation and concrete block.
Interior Walls:	CMU and gypsum board.
Windows:	Fixed and operable metal clad windows, double glazed with blinds.
Roof:	Steel joist and metal deck, tapered foam insulation (4" average), ballasted EPDM membrane roofing and concrete tile at entries.
Floor Finishes:	Ceramic tile at entries, resilient tile in gym corridor, Art Room and Science Room. Carpet and resilient tile in classrooms. Carpet in corridors and offices. Sheet vinyl gym flooring.
Base:	Vinyl
Walls:	Painted CMU and gypsum board. Ceramic tile wainscot in toilet rooms.
Ceilings:	2 x 2 and 2 x 4 lay-in mineral fiber acoustical tile. Vinyl faced gypsum lay-in in toilet rooms.
HVAC:	Two gas fired boilers provide hot water to air handling units. Offices and IMC are air conditioned.
Electrical:	2 x 4 fluorescent fixtures with acrylic lens. Paracube lens in Computer Room. Specialty lighting in entry corridor and gym, outdoor lighting, emergency generator.
Special Equipment:	Telephone, cable T.V., clock, public address, fire alarm with smoke detectors, elevator, fire alarm and sound system.

Grant Elementary School

Marshfield, Wisconsin

- **Bray**
- **Associates**
- **Architects**





NAME OF SCHOOL: GRANT ELEMENTARY SCHOOL, MARSHFIELD

GENERAL INFORMATION

Owner: Marshfield School District
Mr. Kenneth Krahn, District Administrator

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D: Spring 1992
Date Construction Start: Fall 1991
Date Construction Completion: January 1992

Contractor: The Boson Company, Inc.
(715) 384-3184

Costs:	**Construction:**	$3,590,400
	Site Work:	$395,000
	Equipment:	$370,000
	TOTAL:	$4,365,400

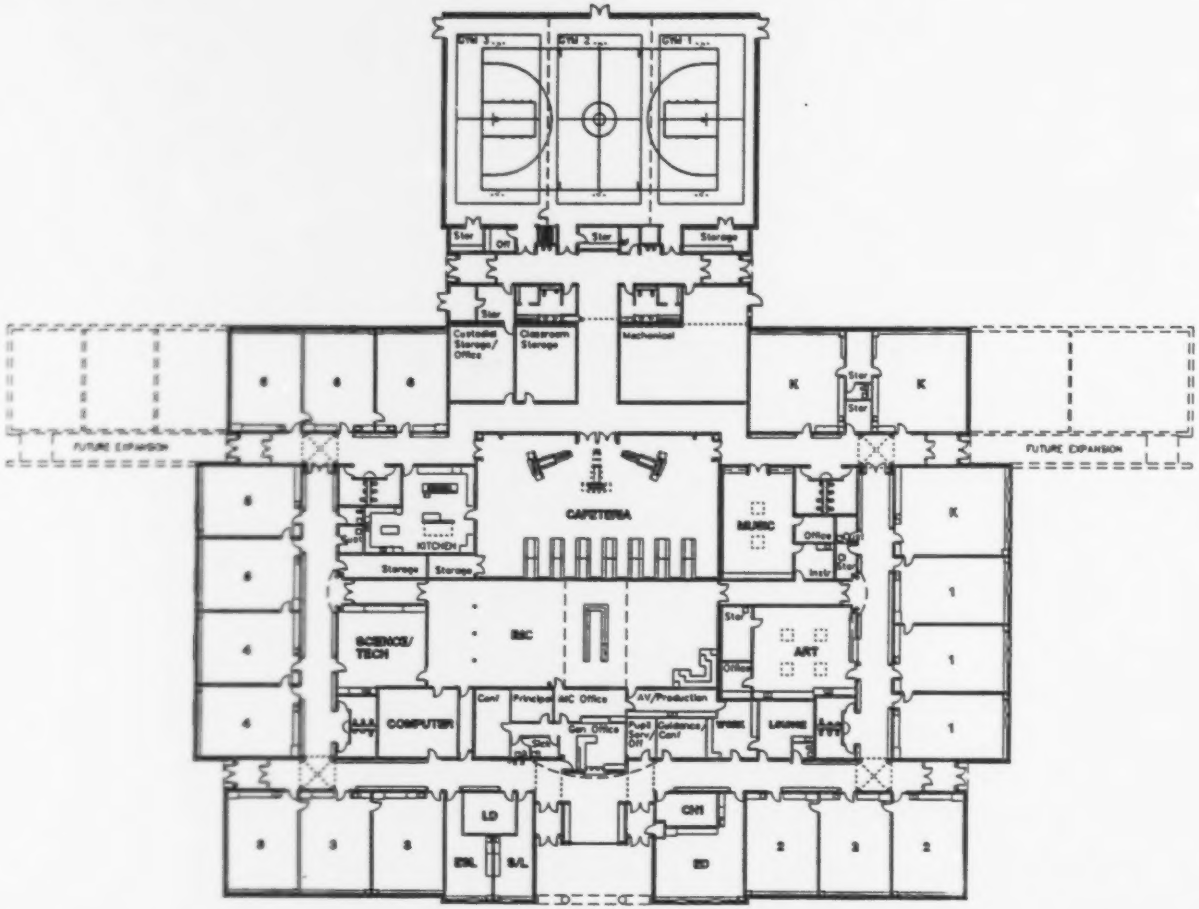
Area: Site: +/- 15 acres
Building: 81,600 SF

Cost per Sq. Ft.: $53.49

PROJECT DESCRIPTION: K-6 facility with grades 4-6 designed with 14 computers on the perimeter of each classroom and a desk area for 25 students in the center of the classroom.

FEATURES

Site Development:	Developed on reclaimed land area with parking, drives and developed play areas.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slimshades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and I.M.C. area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in I.M.C., offices and interior areas.
Electrical:	2 x 2 lay-in lighting in classrooms, parabolic in IMC, offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.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FLOOR PLAN

OAKLAWN ELEMENTARY SCHOOL
MENOMONIE, WISCONSIN

Seymour Davis Seymour

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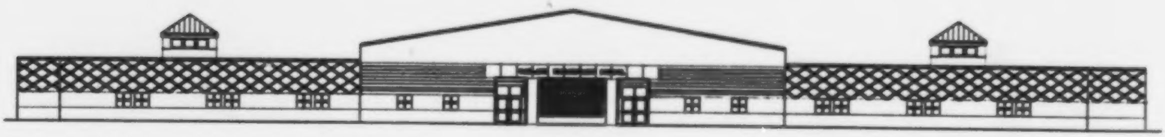


NAME OF SCHOOL: OAKLAWN ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
Menomonie Area School District
David Smette, District Administrator

Date Project Approved by S.D: April 1992
Date Construction Start: July 1992
Date Construction Completion: July 1993

Costs:	**Construction:**	**$3,984,555**
	Equipment:	**$63,790**
	TOTAL:	**$4,045,169**

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Contractor: Adolphson & Peterson, Inc.
(612) 525-2333

Area: **Site: 26 acres**
Building: 68,300
Cost per Sq. Ft: $59.00

PROJECT DESCRIPTION: 2½ section K-6 elementary school to replace two existing schools. Large core areas were designed with future expansion in mind. Gabled sky-lit entrance. Clerestory windows in IMC and at corridor intersections.

FEATURES

Site Development: Parking, seeding and landscaping.

Floors: Slab on grade.

Exterior Walls: Face brick, 1 1/2" rigid insulation, patterned masonry.

Interior Walls: Concrete block in classrooms and corridors, gypsumboard in offices.

Windows: Vinyl clad wood windows - awning type.

Roof: Fully adhered EPDM - metal standing seam over 4" minimum rigid insulation on steel open web joists.

Floor Finishes: Quarry tile at corridors, ceramic tile at toilets, carpet and resilient tile at classrooms and offices.

Base: Quarry tile, ceramic tile, vinyl.

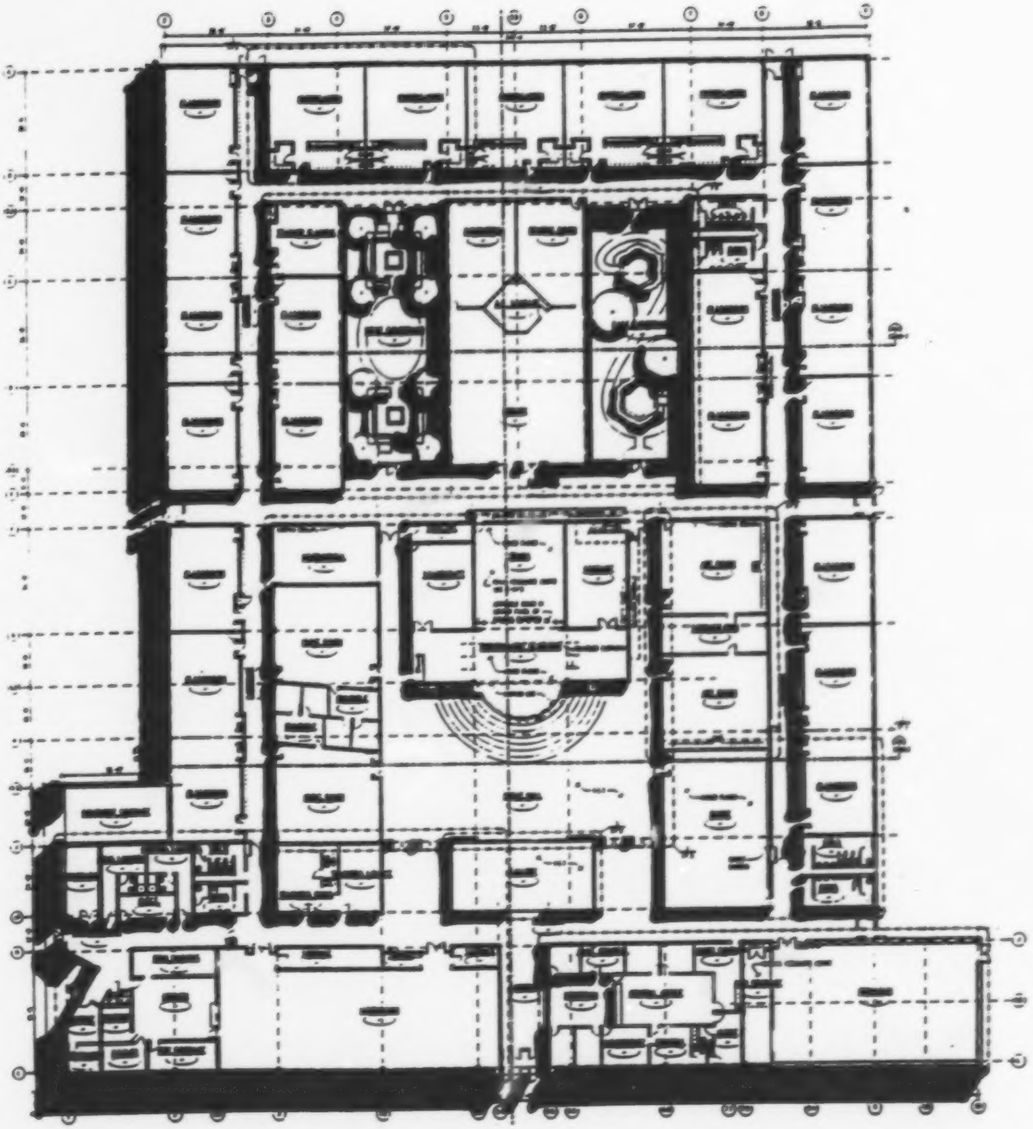
Walls: Painted at corridors, classrooms and offices, ceramic tile at toilets and corridor accents.

Ceilings: 2 x 2 suspended acoustic tile, mineral fiber, vinyl covered, and painted gypsum board.

HVAC: Gas fired boilers, VAV boxes for heating and air conditioning throughout (except gym).

Electrical: 1 x 4, 2 x 4 lay-in troffer lighting, light coves at corridor towers.

Special Equipment: Data/voice system throughout school, fire alarm system, security monitoring system. Natural gas emergency power generator.



FIRST FLOOR PLAN

ELM CREATIVE ARTS SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS

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NORTHSIDE INTERMEDIATE SCHOOL

GENERAL INFORMATION

Owner: Milton School District
Jon C. Platts, District Administrator

Date Project Approved by S.D: May 1992
Date Construction Start: June 1992
Date Construction Completion: April 1993

Costs: **Construction:** $4,512,222
Site Work: 135,835

TOTAL: **$4,648,057**

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: J. P. Cullen
(608) 754-6601

Area: **Site:** 16.7 acres
Building: 94,012 sq. ft.

Cost per Sq. Ft.: $49.44

PROJECT DESCRIPTION: Facility for Grades 4, 5, and 6 with centralized core facilities and classroom wings for each grade. Each wing has a centralized group space.

FEATURES

Site Development: Circular front drive with vehicle pickup/drop off area, separate staff parking, and H/C student drop off area.

Floors: Slab-on-grade and precast mezzanine floor.

Exterior Walls: Masonry load bearing with face brick, split face CMU and exterior finish system veneer.

Interior Walls: CMU

Windows: Clad wood double hung windows with bronze tinted glass and slimshades.

Roof: Ballasted EPDM with interior drains. Batten metal roof at main and secondary entries.

Floor Finishes: Carpet, VCT in selected areas, sheet vinyl gym floor ceramic tile in toilet rooms.

Base: 4" vinyl typical, ceramic tile in toilet rooms.

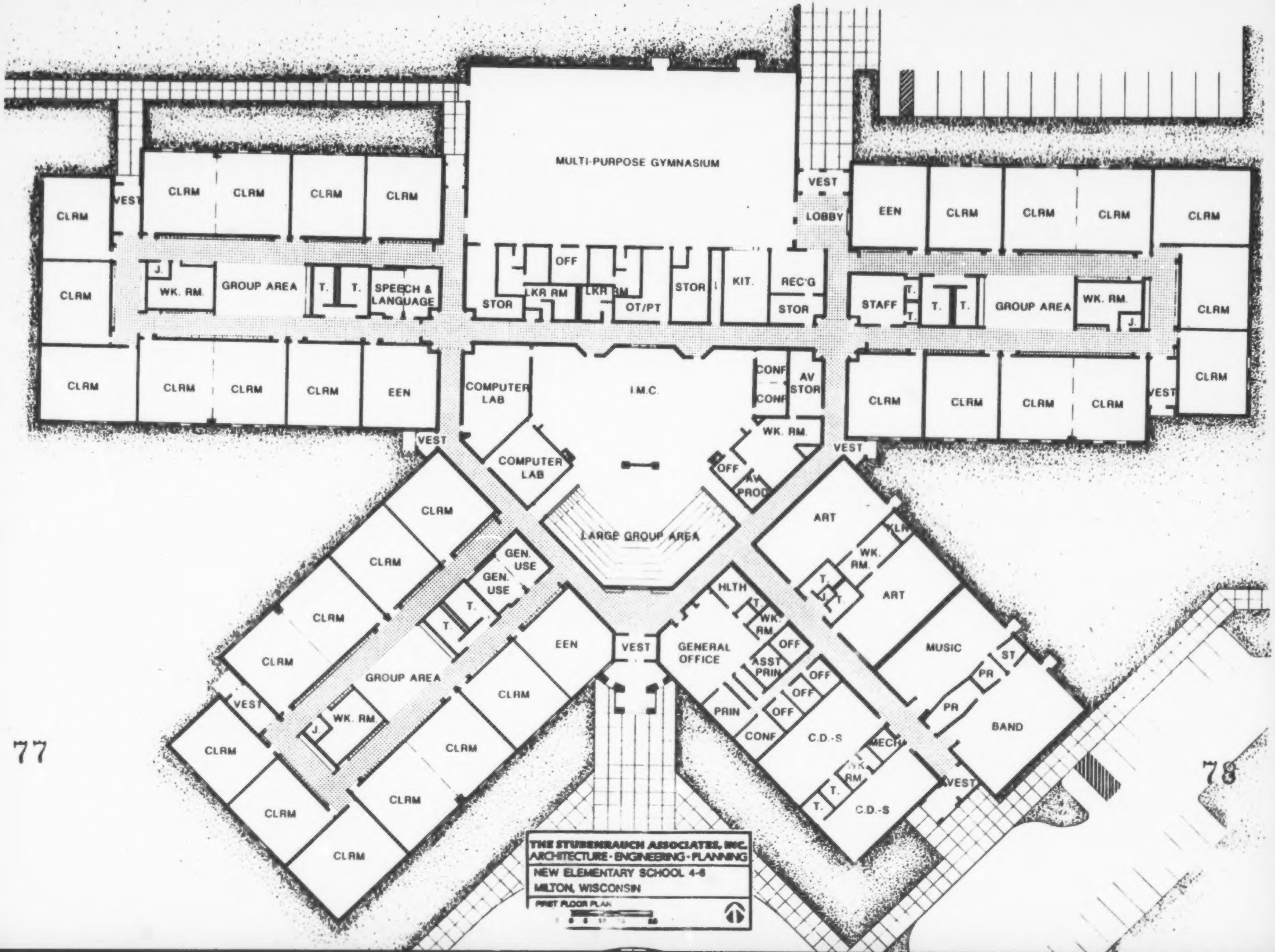
Walls: Painted CMU with board on front and side wall in typical classroom and tackwall floor to ceiling on back wall in typical classroom.

Ceilings: 2 x 2 lay-in throughout with tegular edge 2 x 2 lay-in in IMC and office area.

HVAC: Hot water heat direct expansion cooling variable air volume system with solar attic used to preheat outside air prior to introduction of air into system.

Electrical: High efficiency ballasts and low glare high efficiency lenses. Additional capacity is built into power distribution system in each of the classrooms to allow for high density computers. Building was fully data networked using UTP cable. Central television distribution center provided with outlets in all teaching and student use areas. Classrooms equipped with telephone which provides intercom functions as well as providing the option of placing and receiving outside calls.

Special Equipment: Each group of two classrooms has folding partition between them or capability of installing folding partition between them for team teaching. Large folding partition in gym separates for additional physical educational teaching station.


MULTI-PURPOSE GYMNASIUM
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THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING
NEW ELEMENTARY SCHOOL 4-6
MILTON, WISCONSIN
FIRST FLOOR PLAN
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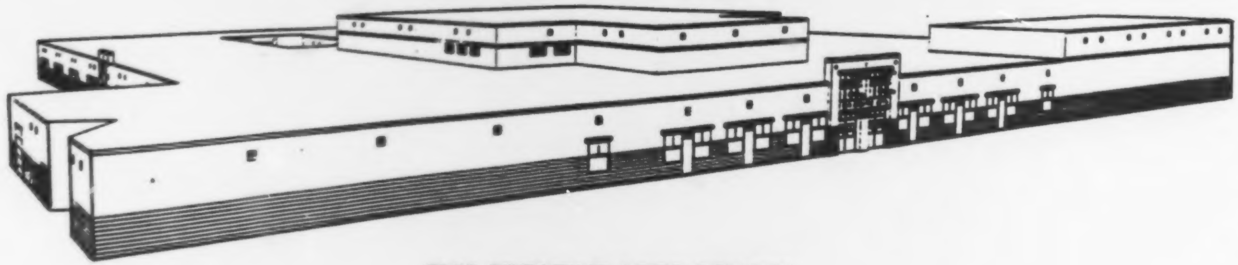


ELM CREATIVE ARTS SCHOOL
MILWAUKEE, WISCONSIN
GENERAL INFORMATION

Owner: Milwaukee Public Schools
Dr. Howard Fuller, Superintendent

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350
BHS Architects
(414)351-6390

Date Project Approved by S.D.: August, 1989
Date Construction Start: June, 1990
Date Construction Completion: September, 1991

Contractor: Grunau Project Development
(414)272-0411

Costs:		
	Construction:	$5,721,000.00
	Site Work:	342,000.00
	Equipment:	429,000.00
	TOTAL:	$6,492,000.00

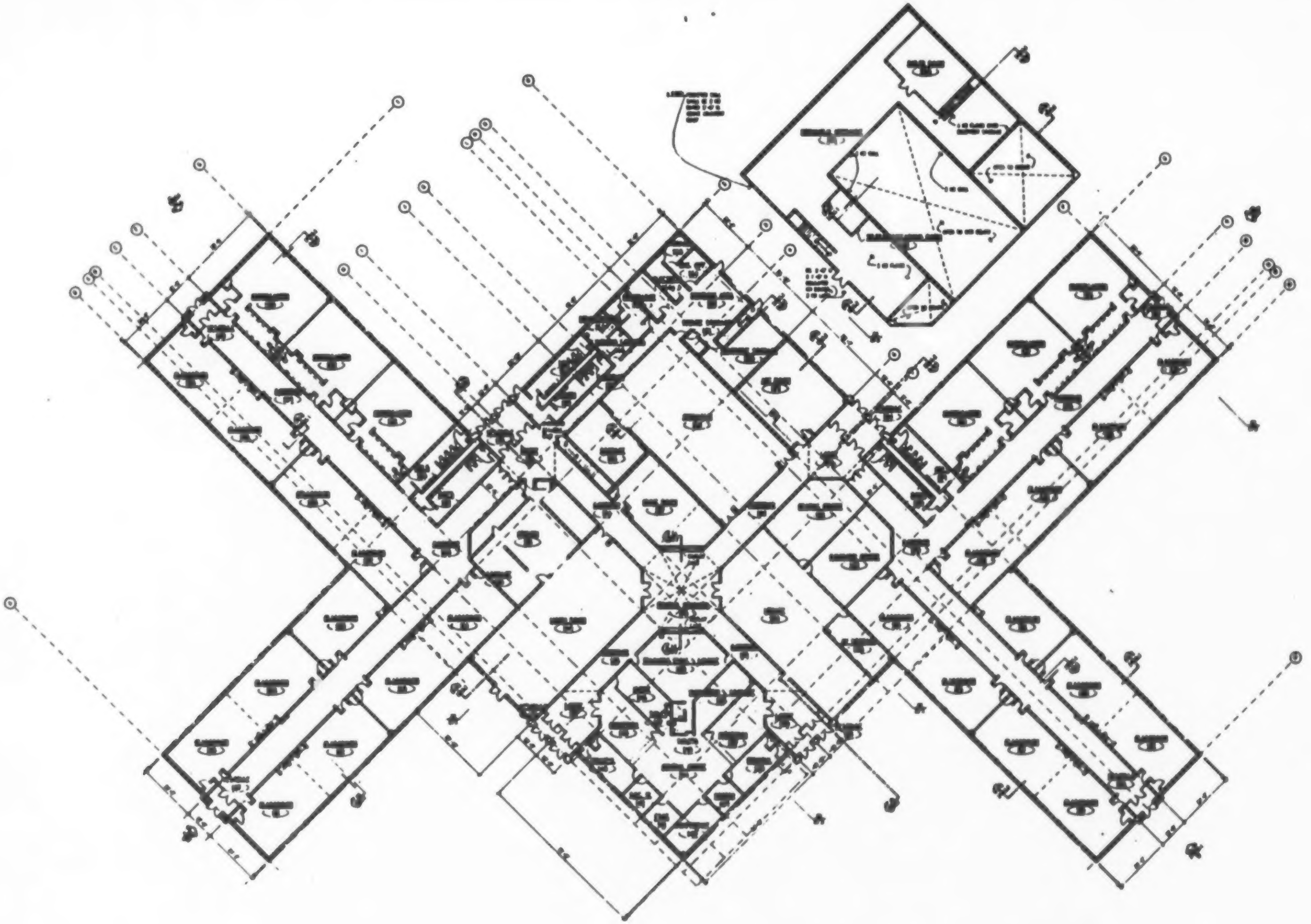
Area:		
	Site:	4 Acres
	Building:	83,000 s.f.

Cost per Sq. Ft.: $78.22

PROJECT DESCRIPTION: The building was designed as a replacement for an existing kindergarten through fifth grade Creative Arts School. Standard classrooms wrap around the creative arts core, including music, dance, art, a little theater, and a gallery.

FEATURES

Site Development:	Parking and grass play areas already existed, so the only site development was a paved play area and site restoration.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Single wythe decorative concrete masonry units with furring and drywall on the interior.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, hopper and fixed aluminum windows.
Roof:	Sloped steel bar joists and metal deck rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in corridors, and classrooms, and carpet in offices and library, and wood floor in dance studio.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2′ x 2′ and 2′ x 4′ lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units. A.C. throughout.
Electrical:	2′ x 4′ lay-in lighting fixtures, typically.

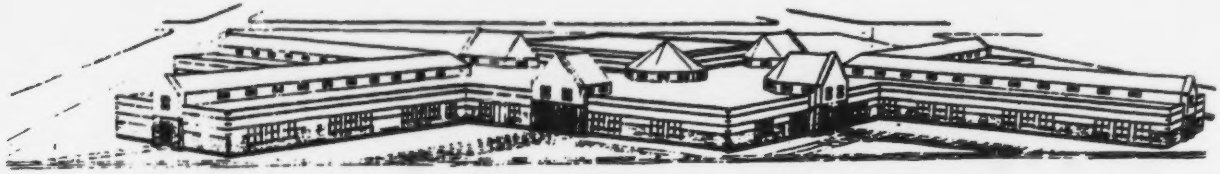


FIRST FLOOR PLAN

URBAN WALDORF ELEMENTARY SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



URBAN WALDORF ELEMENTARY SCHOOL
MULTI-LINGUAL, MULTI-CULTURAL ELEMENTARY SCHOOL
GENERAL INFORMATION

Owner: Milwaukee Public Schools
Dr. Howard Fuller, Superintendent

Date Project Approved by S.D.: August, 1989
Date Construction Start: June, 1990
Date Construction Completion: August, 1991

Costs:		
	Construction:	$4,898,000.00
	Site Work:	478,000.00
	Equipment:	388,000.00
	TOTAL:	$5,714,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350
Pujara, Wirth, Torke
(414)453-4554

Contractor: CMA
(414)357-8800

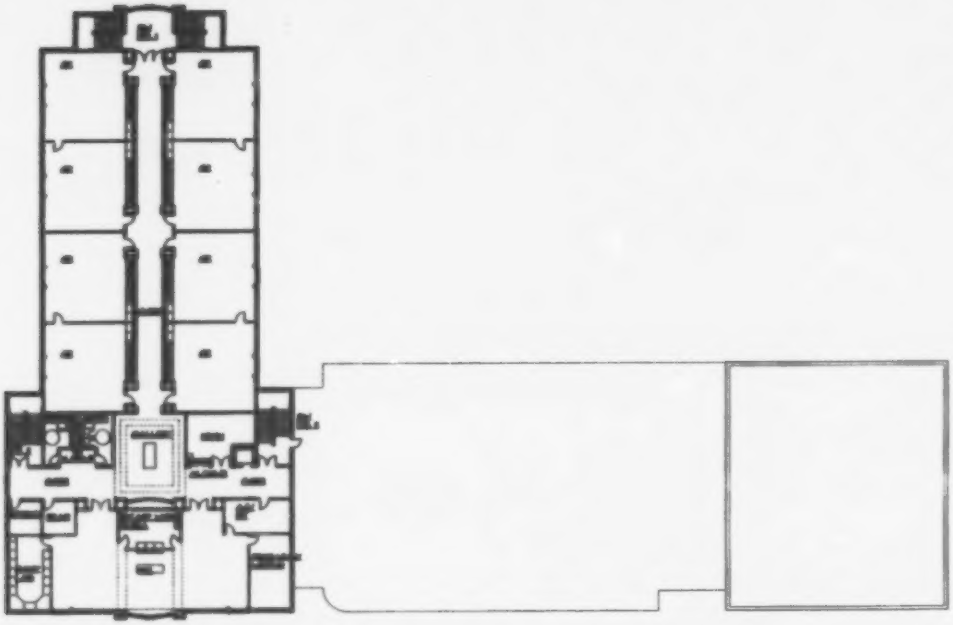
Area: Site: 6.9 Acres
Building: 71,000 s.f.

Cost per Sq. Ft.: $80.48

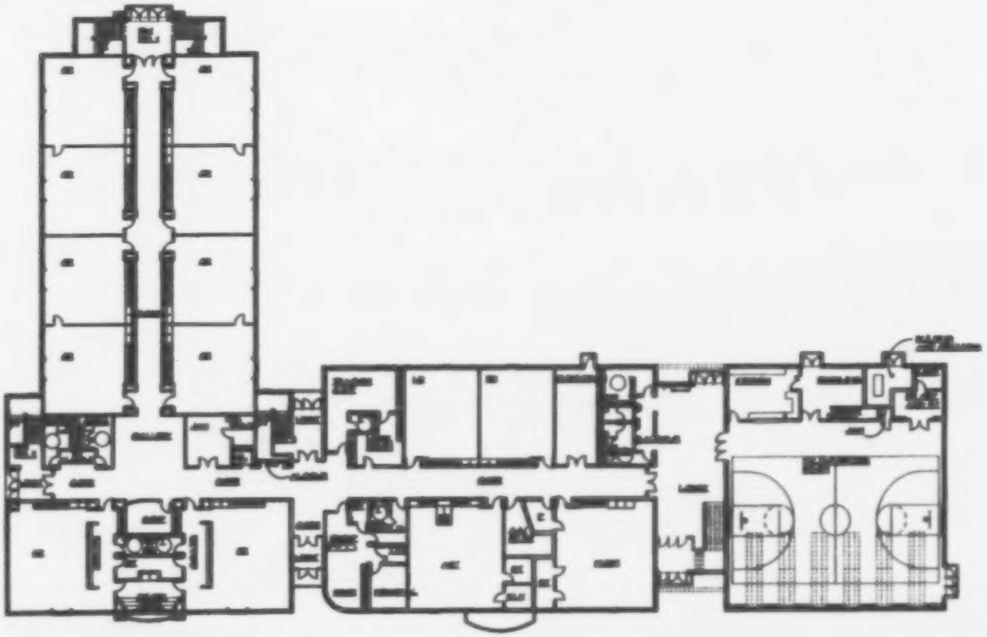
PROJECT DESCRIPTION: Building was designed to house two 2-section, kindergarten through fifth grade schools within one structure, sharing administrative and support areas. The projecting wings provided outward views from all classrooms, while converging at the central commons area.

FEATURES

Site Development:	Two blighted city blocks were consolidated by a street abandonment to allow room for paved parking and play areas, as well as plenty of green space.
Exterior Walls:	Single wythe decorative concrete masonry units with furring and drywall on interior.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, hopper and fixed aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system typically, with wood truss and asphalt shingle on monitor roof.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in corridors, and carpet in classrooms and offices.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2′ x 2′ and 2′ x 4′ lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units. A.C. throughout.
Electrical:	2′ x 4′ lay-in lighting fixtures, typically.



SECOND FLOOR PLAN

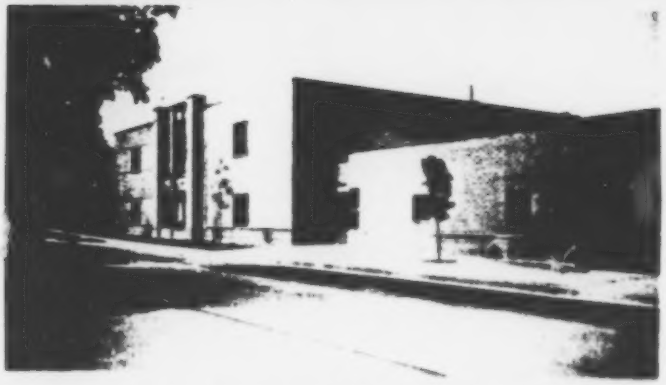


FIRST FLOOR PLAN

Lincoln Elementary School

New London, Wisconsin

- **Bray**
- **Associates**
- **Architects**



NAME OF SCHOOL: LINCOLN ELEMENTARY, NEW LONDON

GENERAL INFORMATION

Owner: New London School District
Dr. Ken Renning, District Administrator
Mr. Dick Yerkey, Business Manager

Date Project Approved by S.D: February 1992
Date Construction Start: July 1992
Date Construction Completion: August 1993

Costs:		
	Construction:	$2,350,265
	Site Work:	$180,000
	Equipment:	$260,000
	TOTAL:	$2,790,265

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: IEI General Contractors
(414) 337-2111

Area: Site: Existing
Building: 49,800 SF

Cost per Sq. Ft.: $56

PROJECT DESCRIPTION: A new K-6 facility was constructed on two floors to surround the existing school. The primary grades are located on the first floor with the gym, music areas, intermediate classrooms, and IMC on the second floor.

FEATURES

Site Development:	Three houses were demolished, a street vacated, and the 1900 existing school was removed after completion of the new two-story school.
Floors:	Concrete slab on grade. Precast deck with topping. A precast floor system for the second floor.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Central boilers and an air handling unit was placed on a gym mezzanine and provides heat and air conditioning for the entire building.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC, and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.

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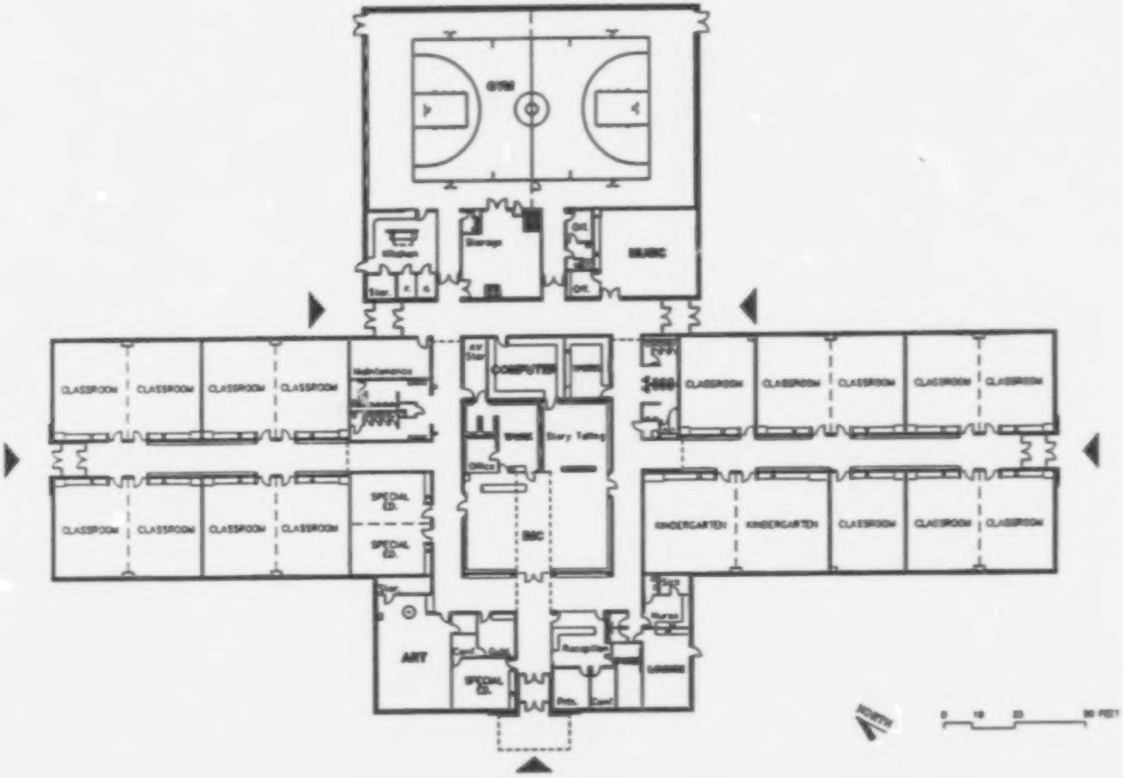
GYM
Kitchen
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Off.
MUSIC
CLASSROOM
CLASSROOM
CLASSROOM
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Maintenance
AV Stor.
COMPUTER
Work
Story Telling
Office
IMC
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SPECIAL ED.
SPECIAL ED.
KINDERGARTEN
KINDERGARTEN
CLASSROOM
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CLASSROOM
Stor.
ART
Conf.
SPECIAL ED.
Reception
Nurse
Lounge
Prin.
Conf.
NORTH
0 10 20 30 FEET

SEPTEMBER 1991
A4

FLOOR PLAN

NEW RICHMOND ELEMENTARY SCHOOL
NEW RICHMOND, WISCONSIN

Seymour Davis Seymour

NAME OF SCHOOL: EAST ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
New Richmond School District
Thomas Kleppe, District Administrator

Date Project Approved by S.D: June 1991
Date Construction Start: October 1991
Date Construction Completion: August 1992

Costs:	**Construction:**	$2,760,000
	Site Work:	$360,000
	Equipment:	$70,000
	TOTAL:	$3,190,000

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Contractor: Madsen-Johnson, Inc.
(715) 386-8201

Area: **Site:** 10 acres
Building: 54,000

Cost per Sq. Ft: $59.00

PROJECT DESCRIPTION: 4th-6th grade elementary school with ball fields, 2 play ground areas and exterior courtyard/learning centers that are paved and landscaped as exterior study/teaching areas.

FEATURES

Site Development: Ball fields, playground areas, exterior learning center (landscaped courtyard).

Floors: Concrete.

Exterior Walls: Face brick / 2" insulation / concrete block.

Interior Walls: Concrete block & gypsum board in office areas.

Windows: Wood casement.

Roof: Sloped steel joist and metal deck - 4" rigid insulation and EPDM roofing.

Floor Finishes: Carpet in offices, IMC and classrooms, vinyl tile in corridors and cushioned resilient flooring in gym.

Base: Vinyl.

Walls: Painted concrete block.

Ceilings: 2 x 2 lay-in acoustical tile.

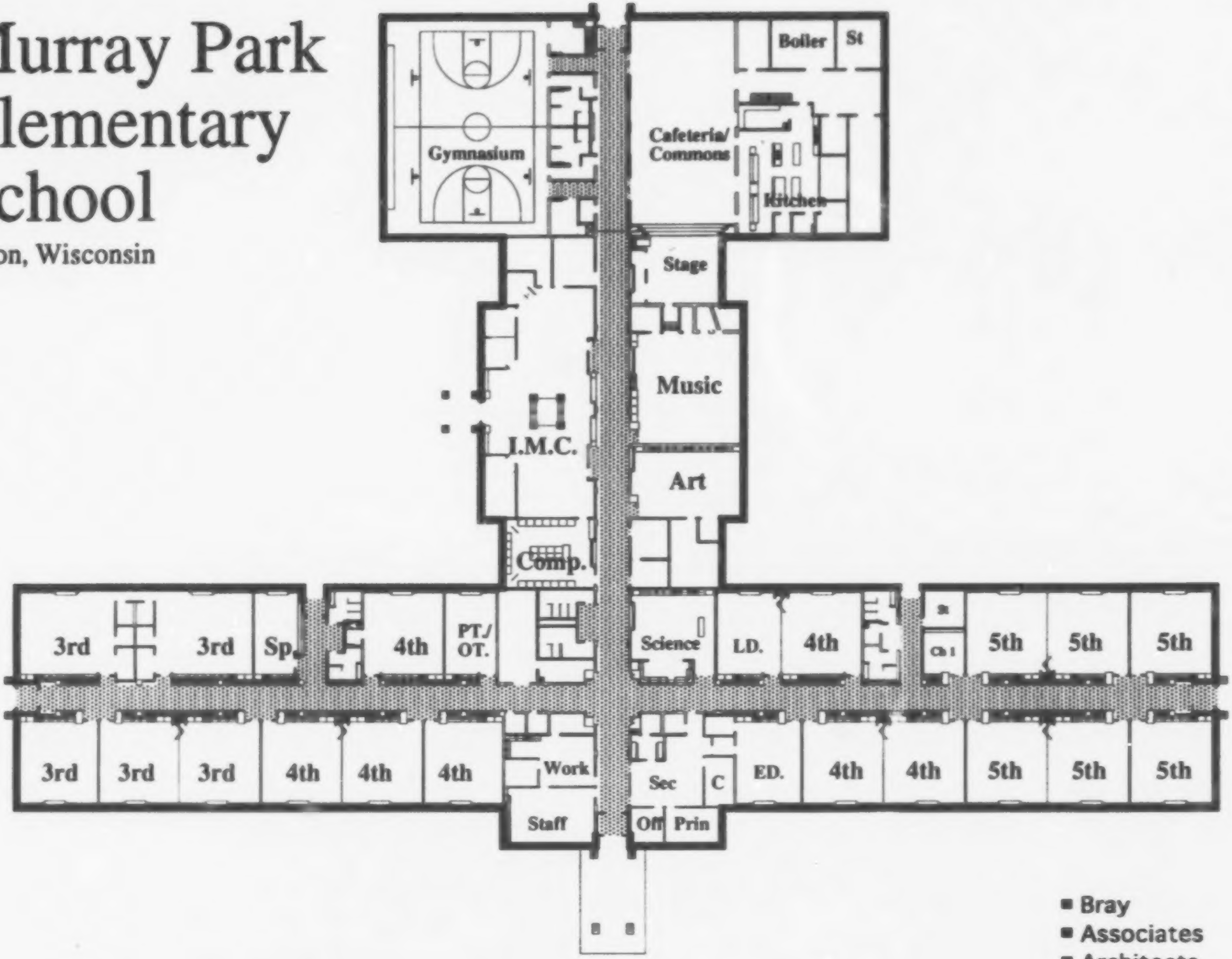
HVAC: Gas fired boilers serving air handling units. A/C throughout (except gym).

Electrical: Fire alarm, security monitoring system, computer/phone network with other area schools.

Special Equipment: Raised roof with clerestory windows over corridors and IMC.

Murray Park Elementary School

Ripon, Wisconsin


Gymnasium
Boiler
St
Cafeteria/ Commons
Kitchen
Stage
Music
I.M.C.
Art
Comp.
3rd
3rd
Sp.
4th
PT/ OT.
Science
LD.
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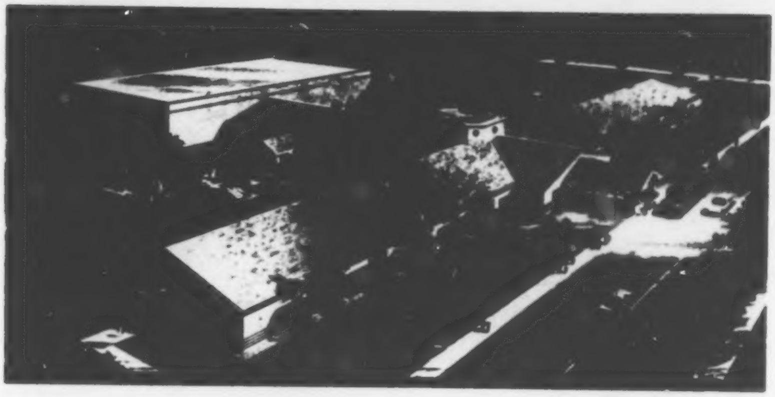
- Bray
- Associates
- Architects



NAME OF SCHOOL: MURRAY PARK ELEMENTARY SCHOOL, RIPON

GENERAL INFORMATION

Owner: Ripon School District
Dr. Michael Heckman, District Administrator
Mr. Martin Valasek, Business Manager

Date Project Approved by S.D:	September 24, 1991
Date Construction Start:	May 1992
Date Construction Completion:	August 15, 1993

Costs:	**Construction:**	$3,286,105
	Site Work:	$200,000
	Equipment:	$350,000
	TOTAL:	$3,836,105

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Hunzinger Construction Co. - CM
(414) 797-0797

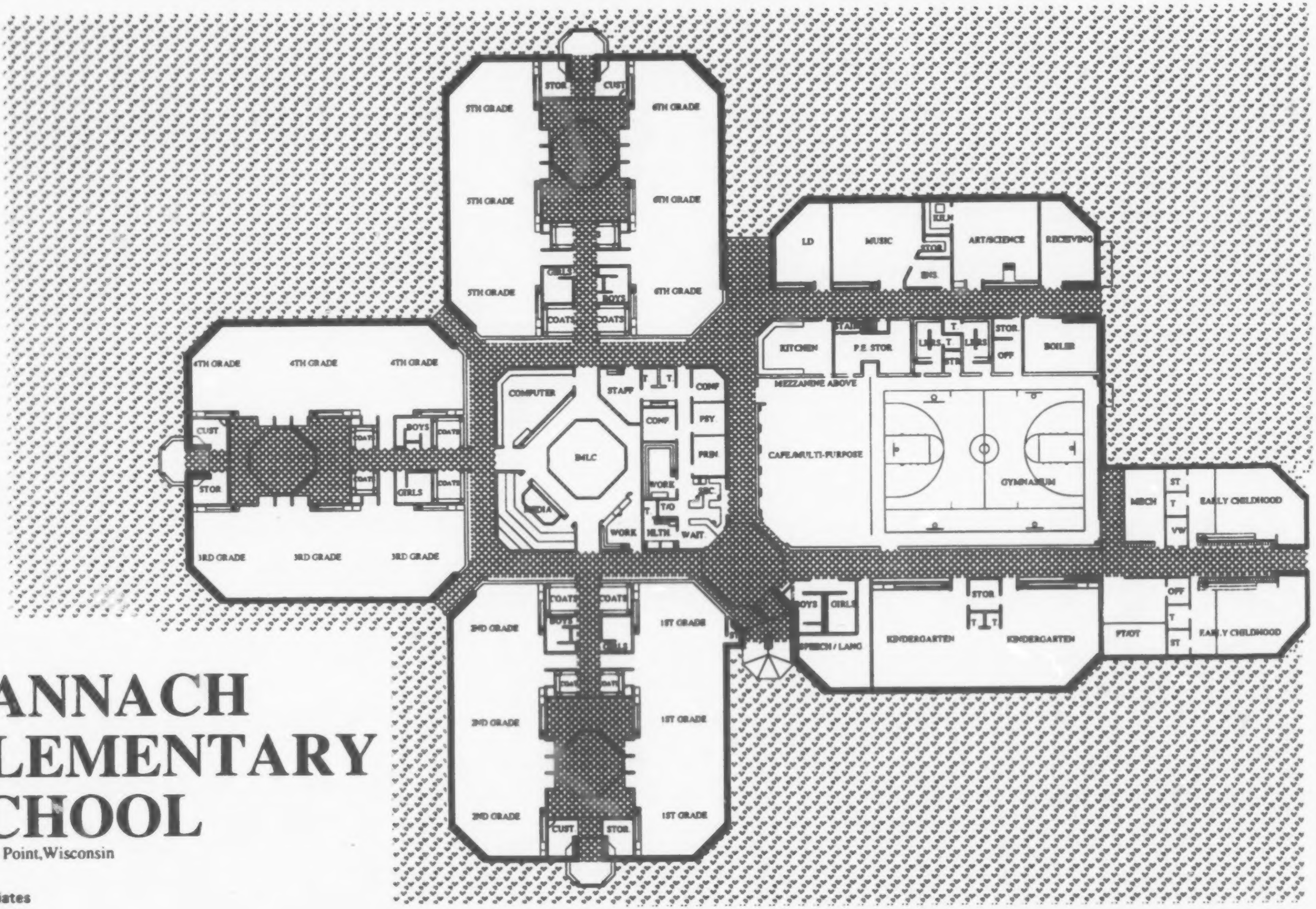
Area: Site: 10 Acres
Building: 67,700 SF

Cost per Sq. Ft.: $56.66

PROJECT DESCRIPTION: The present elementary 3-5 school is a one-story pitched roof school and is designed as a future K-5 school with a wing for primary and intermediate students. A center main street leads to the science, music, IMC, offices, cafeteria, and physical education areas.

FEATURES

Site Development:	A small site filled with the building and small play areas. A city park next door becomes the physical education area.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Pitched bar joist roof with shingles.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, and Cable TV throughout.


STOR
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6TH GRADE
5TH GRADE
6TH GRADE
5TH GRADE
6TH GRADE
GIRLS
BOYS
COATS
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MUSIC
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RECEIVING
KITCHEN
STAIR
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BOILER
MEZZANINE ABOVE
CAFE/MULTI-PURPOSE
GYMNASIUM
4TH GRADE
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BANNACH ELEMENTARY SCHOOL

Stevens Point, Wisconsin

- Bray
- Associates
- Architects

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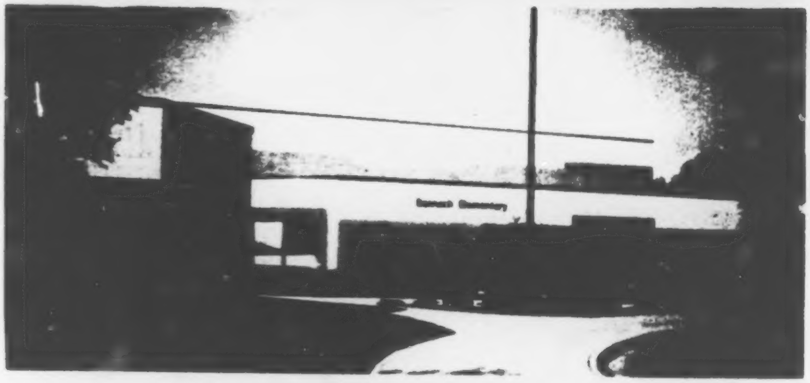


NAME OF SCHOOL: BANNACH ELEMENTARY SCHOOL, STEVENS POINT

GENERAL INFORMATION

Owner: Stevens Point Area School District
Mr. William Palmer, Assistant Superintendent

Date Project Approved by S.D:	Winter 1989
Date Construction Start:	June 1990
Date Construction Completion:	August 1991

Costs:		
	Construction:	$3,227,771
	Site Work:	$200,000
	Equipment:	$350,000
	TOTAL:	$3,777,771

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Boson Construction
(715) 384-3184

Area: Site: 19.5 acres
Building: 64,800 SF

Cost per Sq. Ft.: $58.30

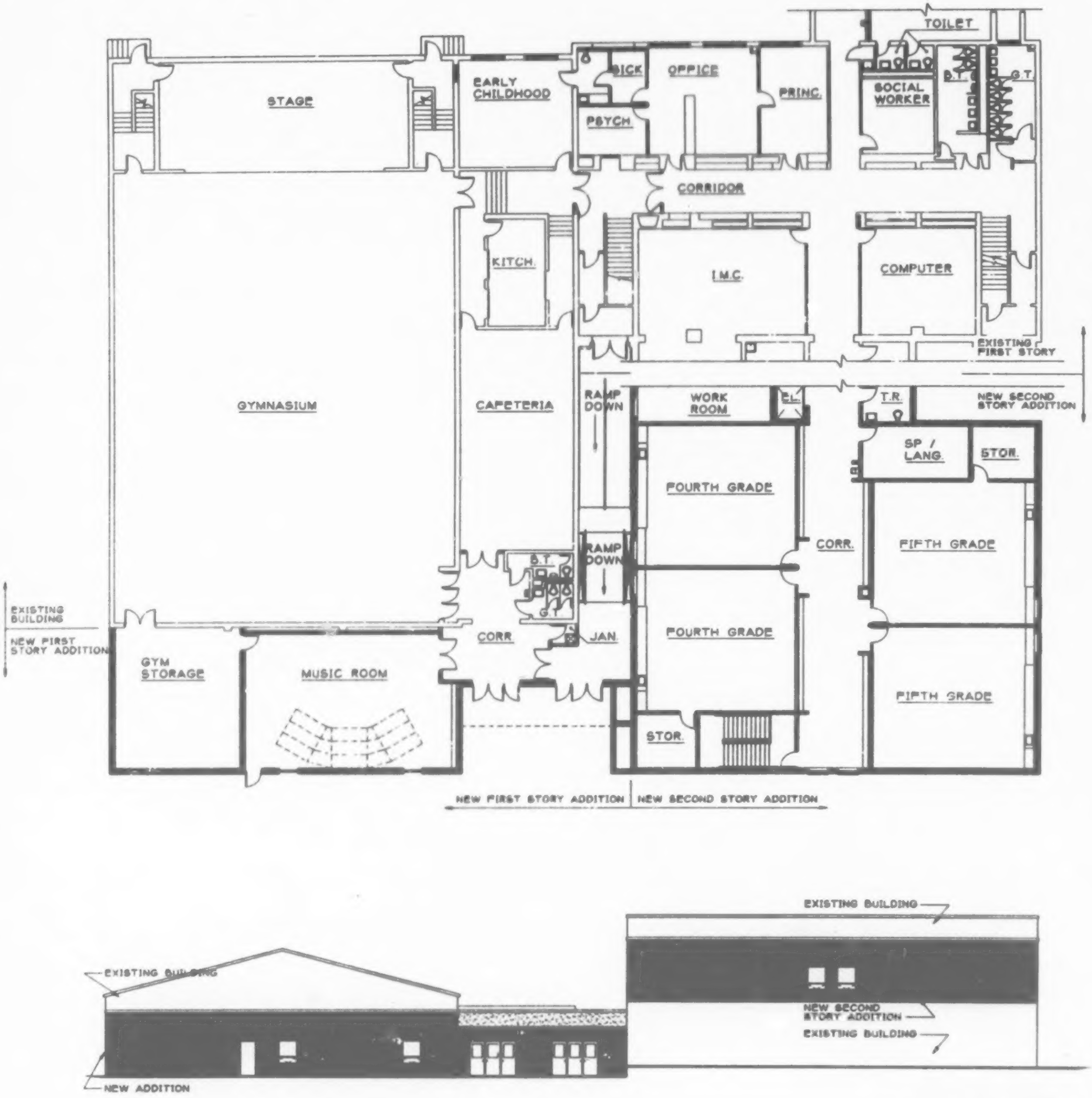
PROJECT DESCRIPTION: This unique K-6 facility has three distinct pods of classrooms for grades 1-2, 3-4, and 5-6. Each pod of 6 classrooms surrounds a resource area which is an extension of the IMC. The fourth wing includes the music, cafeteria, physical education, offices, and kindergarten.

FEATURES

Site Development:	The angled placement of the building divided the playgrounds in age groups and provided separate bus and car access.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls. Several classroom folding walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane, cement tile at entrance cupolas.
Floor Finishes:	Carpet in classrooms, resource areas, and offices with a poured urethane finish in the cafeteria/ physical education area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.

2. Elementary Schools: Additions and Remodeling

Abbotsford
Appleton
Beaver Dam
Cedar Grove-Belgium
Clintonville
Eau Claire
Fox Point J2
Galesville-Ettrick-Trempealeau
Germantown
Green Bay
Greenwood
Hamilton
Kenosha
Lake Mills
Linn J6
Manitowoc
Melrose-Mindoro
Mercer
Oconomowoc
Parkview
Pecatonica
Peshtigo
Sauk Prairie
Sharon J11
Shawano-Gresham
Shorewood
Waukesha
Wautoma
Westfield
Wisconsin Rapids


TOILET
STAGE
EARLY CHILDHOOD
SICK
OFFICE
PRINC.
SOCIAL WORKER
B.T.
G.T.
PSYCH
CORRIDOR
KITCH.
I.M.C.
COMPUTER
EXISTING FIRST STORY
NEW SECOND STORY ADDITION
GYMNASIUM
CAFETERIA
RAMP DOWN
WORK ROOM
EL.
T.R.
SP / LANG.
STOR.
FOURTH GRADE
CORR.
FIFTH GRADE
RAMP DOWN
B.T.
G.T.
FOURTH GRADE
EXISTING BUILDING
NEW FIRST STORY ADDITION
CORR.
JAN.
GYM STORAGE
MUSIC ROOM
STOR.
FIFTH GRADE
NEW FIRST STORY ADDITION
NEW SECOND STORY ADDITION
EXISTING BUILDING
EXISTING BUILDING
NEW SECOND STORY ADDITION
EXISTING BUILDING
NEW ADDITION
NORTH

ABBOTSFORD ELEMENTARY SCHOOL
ADDITION FLOOR PLANS & NORTH ELEVATION

PROFESSIONAL
MANAGEMENT
SERVICES, INC.

NAME OF SCHOOL: ABBOTSFORD ELEMENTARY AND HIGH SCHOOLS

GENERAL INFORMATION

Owner: Abbotsford School District
Bradley Gillaspie, District Administrator

Date Project Approved by S.D:
Date Construction Start: 6/28/93
Date Construction Completion: In progress

Costs:		
	Construction:	673,737.30
	Site Work:	24,100.00
	Equipment:	335,437.00
	TOTAL:	1,033,274.30

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 15,000 s.f.
Addition: 18,300 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Additions and Alterations to the Elementary and High Schools

FEATURES

Site Development:

Floors: Concrete slab-on-grade and concrete topping over existing flat slabs.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block and metal stud.

Windows: Fixed and operable aluminum clad wood windows, double glazing and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient and hard flooring, and sealed concrete.

Base: Vinyl, ceramic tile, quarry tile, and rubber.

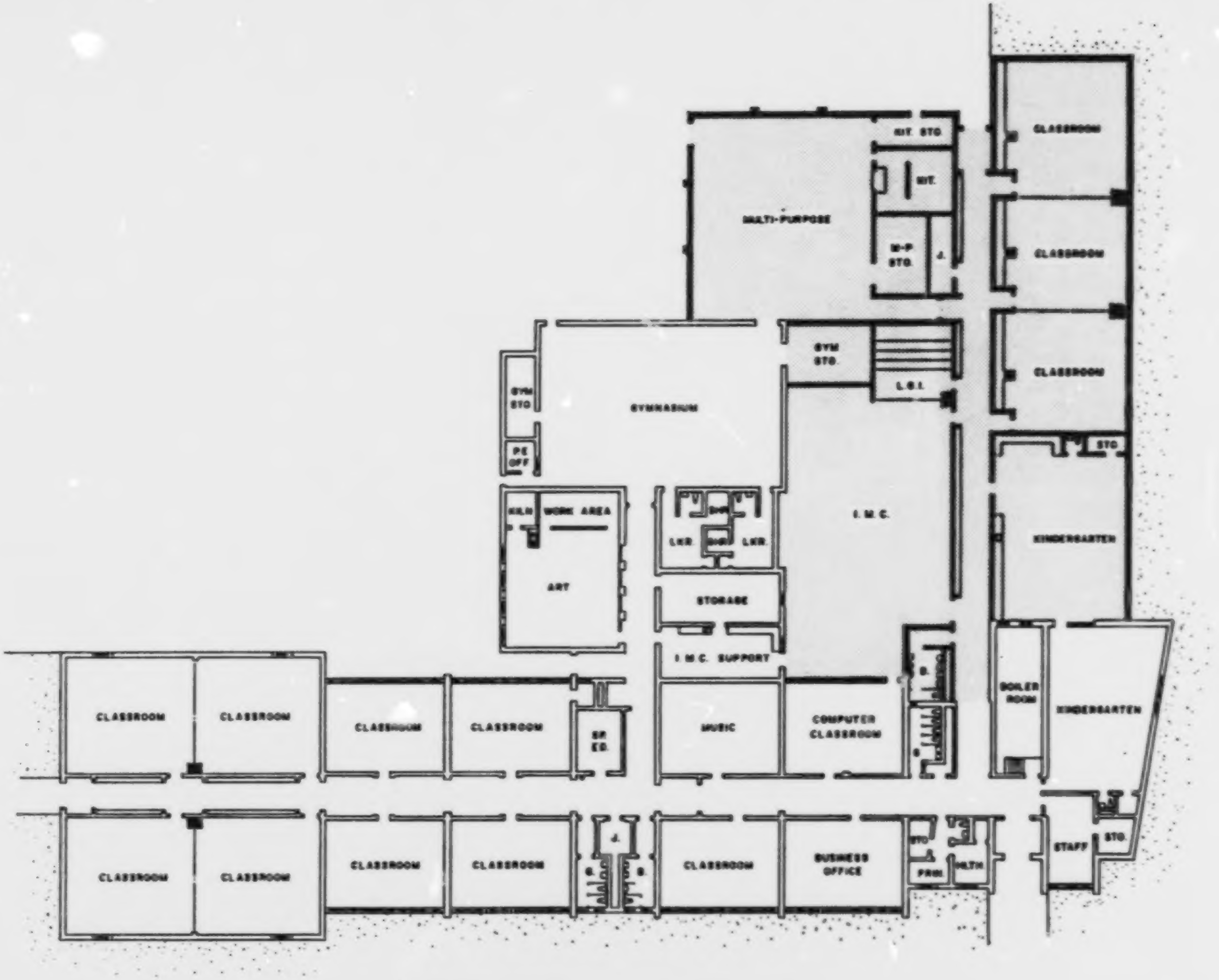
Walls: Painted concrete block or gypsum board, latex or epoxy, and vinyl wall covering.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Hydraulic passenger elevator, fire alarm system, and intercom system.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MULTI-PURPOSE
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GYM STO.
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PE OFF
GYMNASIUM
KILN
WORK AREA
ART
SHR
LKR.
DRY
LKR.
STORAGE
I.M.C.
KINDERGARTEN
I.M.C. SUPPORT
B.
G.
BOILER ROOM
KINDERGARTEN
CLASSROOM
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CLASSROOM
SP. ED.
MUSIC
COMPUTER CLASSROOM
STAFF
STO.
CLASSROOM
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J.
G.
B.
CLASSROOM
BUSINESS OFFICE
STO
PRIN
HLTH

97

98

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

BADGER ELEMENTARY SCHOOL

APPLETON, WISCONSIN

NORTH
0 5 10 20 40ft

BADGER ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Appleton Area School District
Jerry Patterson, District Superintendent

Date Project Approved by S.D: June 1990
Date Construction Start: April 1991
Date Construction Completion: September 1991

Costs: **Construction:** $666,177

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: Miron Construction Co. - C.M.
(414) 799-3060

Area: **Site:** 192,000 sq. ft.
Building: 14,233 sq. ft.

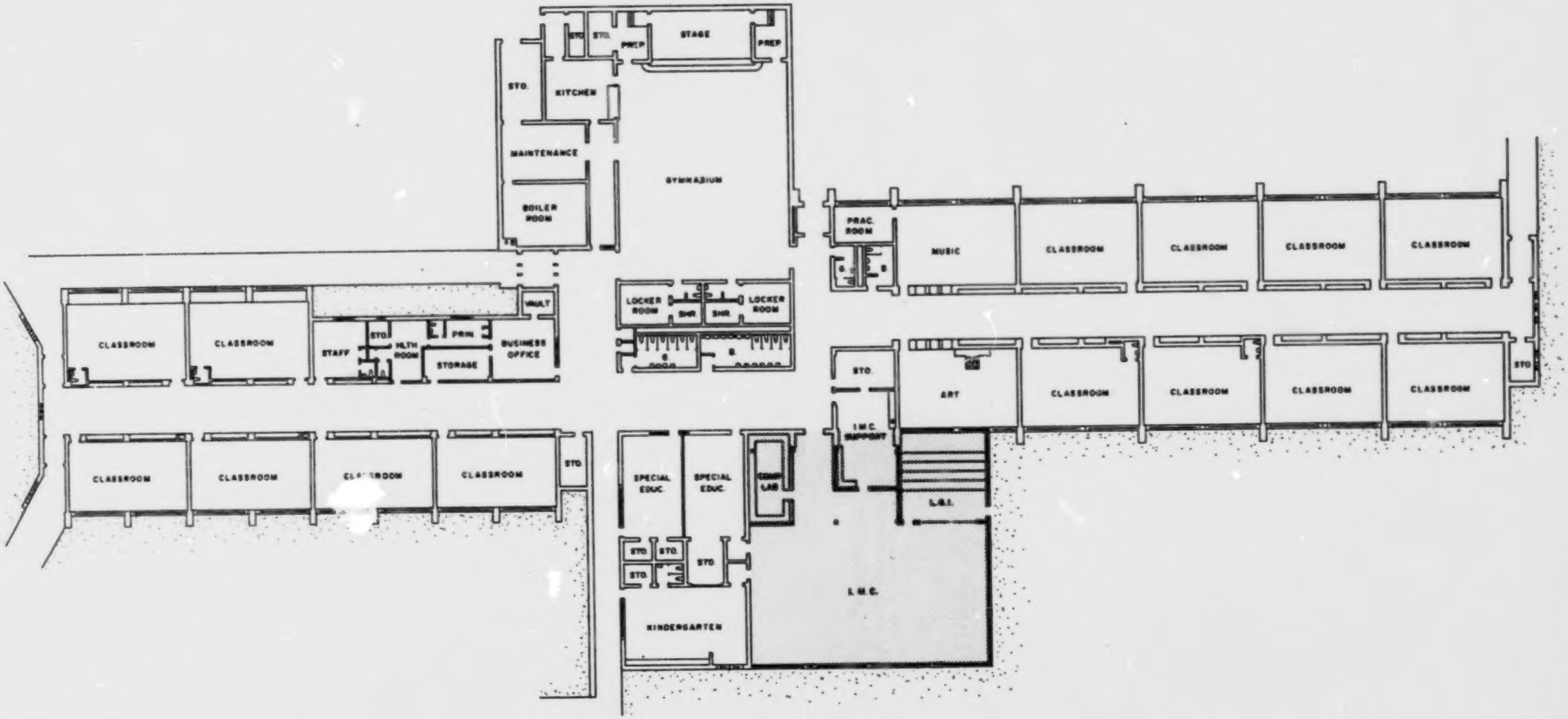
Cost per Sq. Ft.: $46.81

PROJECT DESCRIPTION: A single story addition consisting of three additional classrooms, a kindergarten room with toilet, an I.M.C. with large group instructional room, a multi-purpose room, a kitchen, and miscellaneous related spaces.

FEATURES

Site Development:	Removal and patching in of existing hard-surface play area, extension of parking lot, and creating a bus drop-off/pick-up area.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Split faced ribbed concrete masonry, 2" rigid insulation, concrete masonry backup.
Interior Walls:	Concrete masonry.
Windows:	Single-hung, metal clad wood windows with double-glazed Low-E glass.
Roof:	Pitched steel joist and deck with R-18 rigid insulation and mechanically attached single-ply roof membrane (ballasted over multi-purpose room).
Floor Finishes:	Poured monolithic athletic surfacing in multi-purpose room; vinyl composition tile in corridors, kitchen and partial kindergarten; ceramic tile in toilets; carpeting throughout remainder.
Base:	Ceramic tile in toilets; resilient throughout remainder.
Walls:	Tackwall on some classroom walls, painted concrete masonry throughout remainder.
Ceilings:	Painted exposed structure in multi-purpose room; suspended lay-in throughout remainder.
HVAC:	Unit ventilators and remote air handlers tied to extension of existing hot water system. De-strat fans in multi-purpose room.
Electrical:	H.I.D. lighting in multi-purpose room, 2' x 4' lay-in fluorescent throughout remainder. Extended emergency lighting system.
Special Equipment:	Fully equipped serving kitchen off multi-purpose room, tiered large group instructional area openable to I.M.C.

8


STO
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STAGE
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KITCHEN
MAINTENANCE
GYMNASIUM
BOILER ROOM
PRAC. ROOM
MUSIC
CLASSROOM
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CLASSROOM
VAULT
LOCKER ROOM
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IMC SUPPORT
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SPECIAL EDUC.
SPECIAL EDUC.
COMP LAB
L.G.I.
STO
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STO
I.M.C.
KINDERGARTEN

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

FOSTER ELEMENTARY SCHOOL

APPLETON, WISCONSIN

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FOSTER ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Appleton Area School District
Jerry Patterson, District Superintendent

Date Project Approved by S.D: June 1990
Date Construction Start: April 1991
Date Construction Completion: September 1991

Costs: **Construction:** $282,718

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: Miron Construction Co. - C.M.
(414) 749-3060

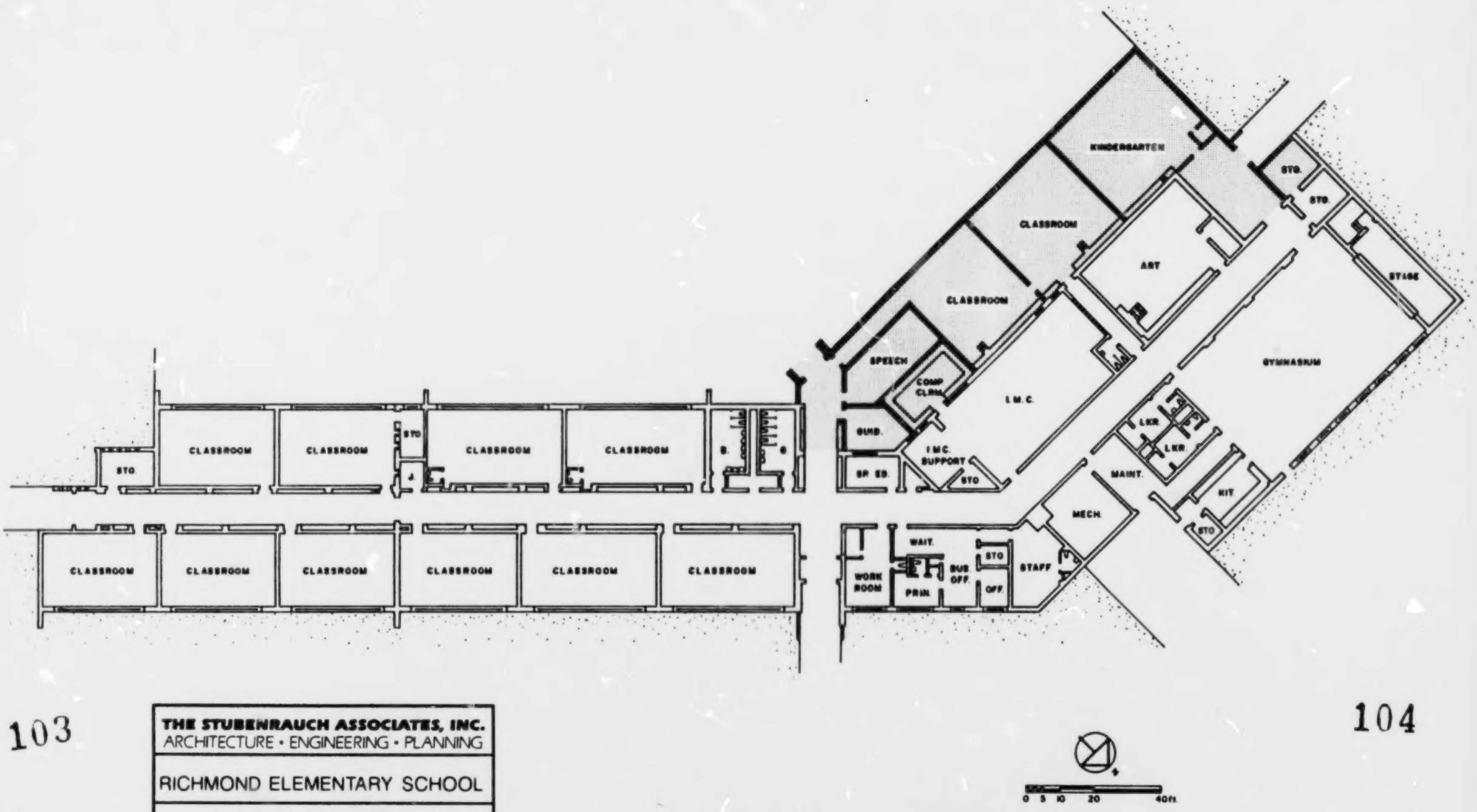
Area: **Site:** 279,000 sq. ft.
Building: 5,826 sq. ft. addition

Cost per Sq. Ft.: $48.53

PROJECT DESCRIPTION: A single story addition consisting of an I.M.C. with computer lab, large group instructional area and support room.

FEATURES

Site Development:	Relocation of catch basin and minor grading.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation, and concrete masonry backup.
Interior Walls:	Concrete masonry.
Windows:	Single-hung, metal-clad wood windows with double-glazed Low-E glass.
Roof:	Pitched steel joists and deck with R-18 rigid insulation and mechanically attached single-ply roof membrane.
Floor Finishes:	Carpeting throughout
Base:	Resilient
Walls:	Painted concrete masonry
Ceilings:	Suspended lay-in
HVAC:	Unit ventilators and convectors tied to extension of existing low pressure steam system.
Electrical:	2' x 4' lay-in fluorescent lighting throughout; power/data wiremold in computer area and I.M.C. charge space.
Special Equipment:	Large group room is tiered and opens to I.M.C.


KINDERGARTEN
CLASSROOM
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SPEECH
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ART
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LKR.
LKR.
GUID.
I.M.C. SUPPORT
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103

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

RICHMOND ELEMENTARY SCHOOL

APPLETON, WISCONSIN

104

RICHMOND ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Appleton Area School District
Jerry Patterson, District Superintendent

Date Project Approved by S.D: June 1990
Date Construction Start: April 1991
Date Construction Completion: September 1991

Costs: **Construction:** $318,538

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: Miron Construction - C.M.
(414) 740-3060

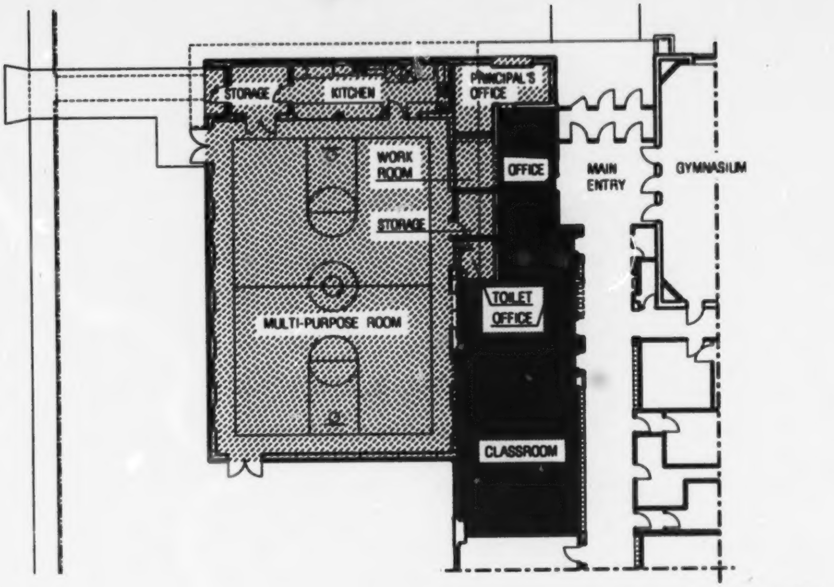
Area: **Site:** 109,400 sq. ft.
Building: 5,518 sq. ft. addition

Cost per Sq. Ft.: $57.73

PROJECT DESCRIPTION: A single story addition consisting of two additional classrooms, a kindergarten room with toilet, computer room, speech classroom and guidance office.

FEATURES

Site Development:	Removal and patching in of existing hard-surface play area.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation and concrete masonry backup.
Interior Walls:	Concrete masonry.
Windows:	Single-hung, metal-clad wood windows with double-glazed Low-E glass.
Roof:	Pitched steel joists and deck with R-18 rigid insulation and mechanically attached single-ply roof membrane.
Floor Finishes:	Vinyl composition tile in corridors and partial kindergarten room, ceramic tile in toilet; carpet throughout remainder.
Base:	Ceramic in toilet; resilient throughout remainder.
Walls:	Tackwall on some classroom walls with painted concrete masonry for the remainder.
Ceilings:	Suspended lay-in acoustical.
HVAC:	Unit ventilators and convectors for rooms on exterior walls and rooftop units for interior rooms - all tied to extension of existing low pressure steam system.
Electrical:	2' x 4' lay-in fluorescent lighting throughout, power data wiremold in computer room.

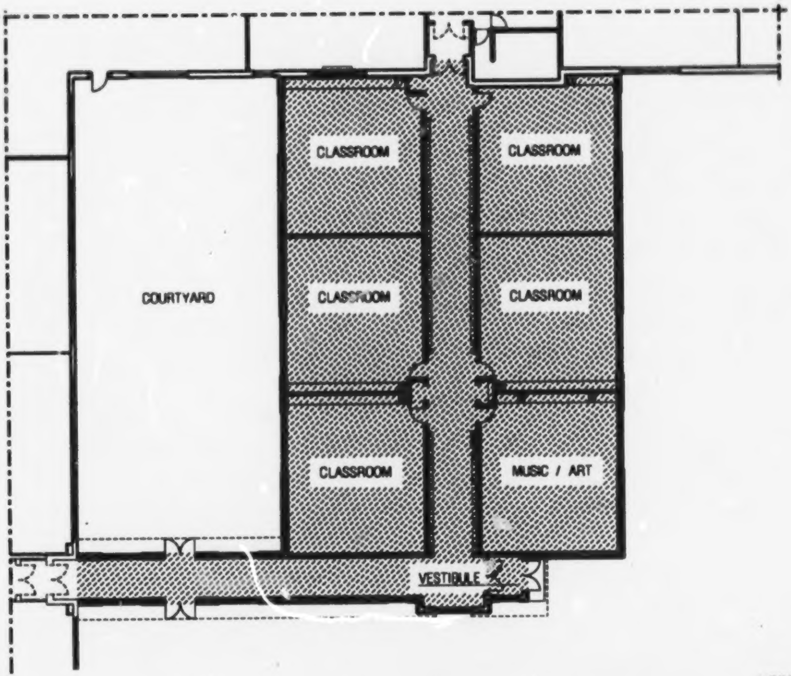

STORAGE
KITCHEN
PRINCIPAL'S OFFICE
WORK ROOM
OFFICE
MAIN ENTRY
GYMNASIUM
STORAGE
TOILET
OFFICE
MULTI-PURPOSE ROOM
CLASSROOM

☐ DENOTES EXISTING
▨ DENOTES ADDITION
■ DENOTES REMODELING

EXISTING / ADDITION FLOOR PLAN

NORTHWEST ADDITION

NORTH


CLASSROOM
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COURTYARD
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CLASSROOM
MUSIC / ART
VESTIBULE

☐ DENOTES EXISTING
▨ DENOTES ADDITION

EXISTING / ADDITION FLOOR PLAN

SOUTHEAST ADDITION

NORTH

JEFFERSON ELEMENTARY SCHOOL
BEAVER DAM, WISCONSIN

HOFFMAN CORPORATION
SINCE 1892

HOFFMAN CORPORATION
2019 VALLEY FAIR MALL
APPLETON, WI 54915
PHONE (414) 731-2322
FAX (414) 731-4236

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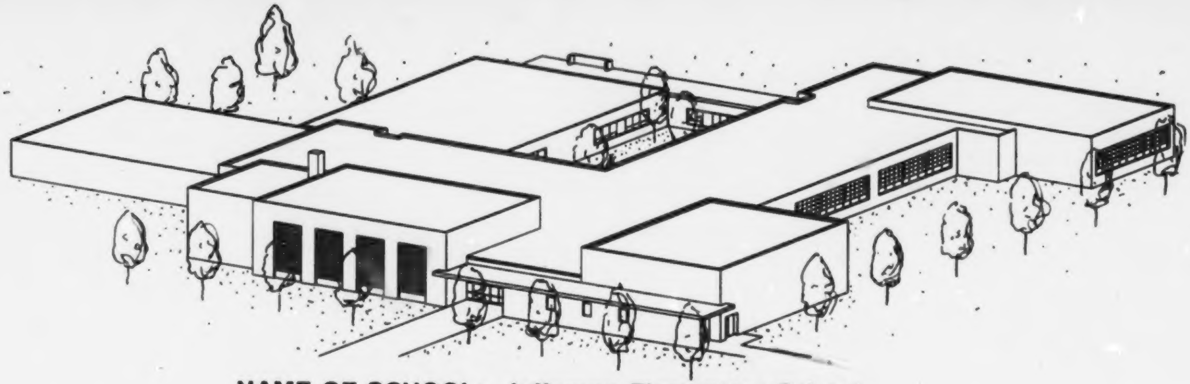


NAME OF SCHOOL: Jefferson Elementary School

GENERAL INFORMATION

Owner: Beaver Dam Unified School District
Dr. Richard Fitzpatrick, Administrator

Date Project Approved by S.D: April 9, 1992
Date Construction Start: May 11, 1992
Construction Completion: August 17, 1992

Costs:	**Construction:**	$636,400.00
	Site Work:	35,000.00
	Equipment:	62,000.00
	TOTAL:	**$733,400.00**

Architect: Hoffman Corporation
(414) 731-2322

Construction Manager:
Hoffman Corporation
(414) 731-2322

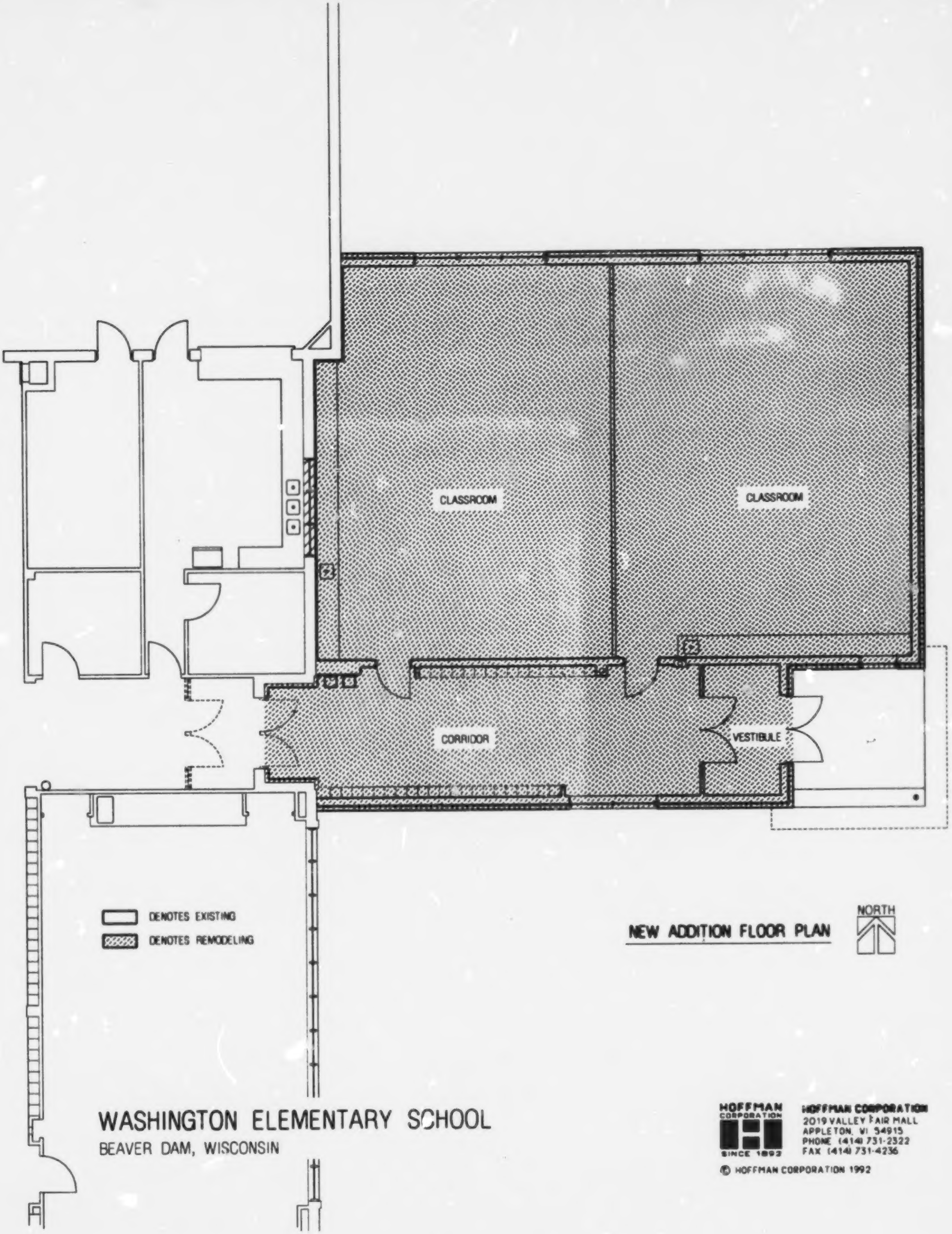
Area:	Site:	42,000 sq. ft.
	Building:	14,040 sq. ft.

Cost per Sq. Ft.: $52.24

PROJECT DESCRIPTION: A 14,040 sq. ft. classroom addition consisting of six classrooms plus a 4,560 sq. ft. multi- purpose room addition consisting of a gymnasium, kitchen and 1680 sq. ft. of main office remodeling with handi-cap accessible student toilet room.

FEATURES

Site Development:	New enclosed courtyard at classrooms.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick, 2" rigid insulation and concrete block.
Interior Walls:.	Concrete block at corridor and multi-purpose room with steel stud and prefinished gypsum board partitions between classrooms.
Windows:	Fixed and operable aluminum windows with 1" insulating glass.
Roof:	Steel bar joists and metal deck with R-20 min. rigid insulation and ballasted single ply membrane.
Floor Finishes:	Vinyl composition tile at corridors, entry ways, and kitchen. Maple flooring at multi-purpose room and carpet at other locations.
Base:	Vinyl
Walls:	Painted concrete block and vinyl faced gypsum board.
Ceilings:	2x4 lay-in mineral fiber acoustical tile typical; painted exposed structure at multi-purpose room.
HVAC:	Roof top units for heating and air conditioning.
Electrical:	2x4 lay-in troffer lighting typical with industrial metal halide in multi-purpose room.
Special Equipment:	Fire alarm system, smoke detection, fold down cafeteria tables, commercial kitchen equipment, wood gymnasium floor, basketball backboards.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☐ DENOTES EXISTING

▨ DENOTES REMODELING

NEW ADDITION FLOOR PLAN

WASHINGTON ELEMENTARY SCHOOL

BEAVER DAM, WISCONSIN

HOFFMAN CORPORATION
2019 VALLEY FAIR MALL
APPLETON, WI 54915
PHONE (414) 731-2322
FAX (414) 731-4236

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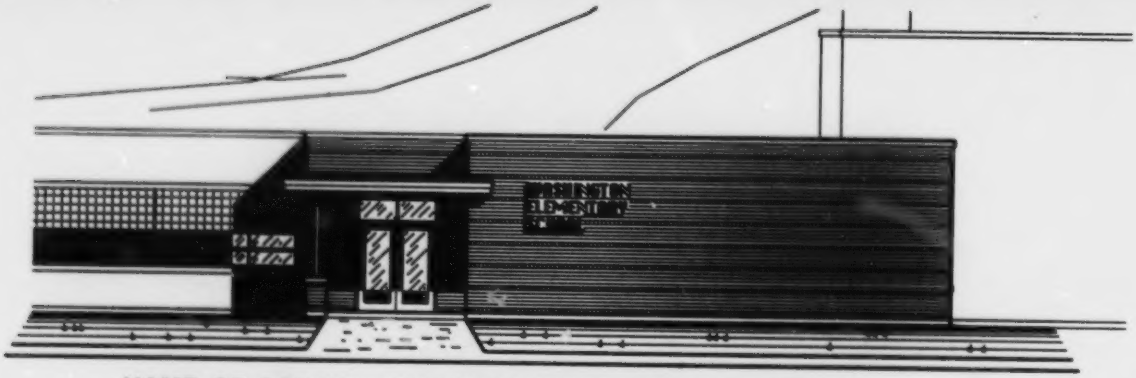


NAME OF SCHOOL: WASHINGTON ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Beaver Dam Unified School District
Dr. Richard Fitzpatrick, Administrator

Date Project Approved by S.D: April 9, 1992
Date Construction Start: May 11, 1992
Date Construction Completion: August 17, 1992

Costs:	
Construction:	$116,500.00
Site Work:	18,000.00
Equipment:	24,000.00
TOTAL:	**$158,500.00**

Architect: Hoffman Corporation
(414)731-2322

Construction Manager:
Hoffman Corporation
(414)731-2322

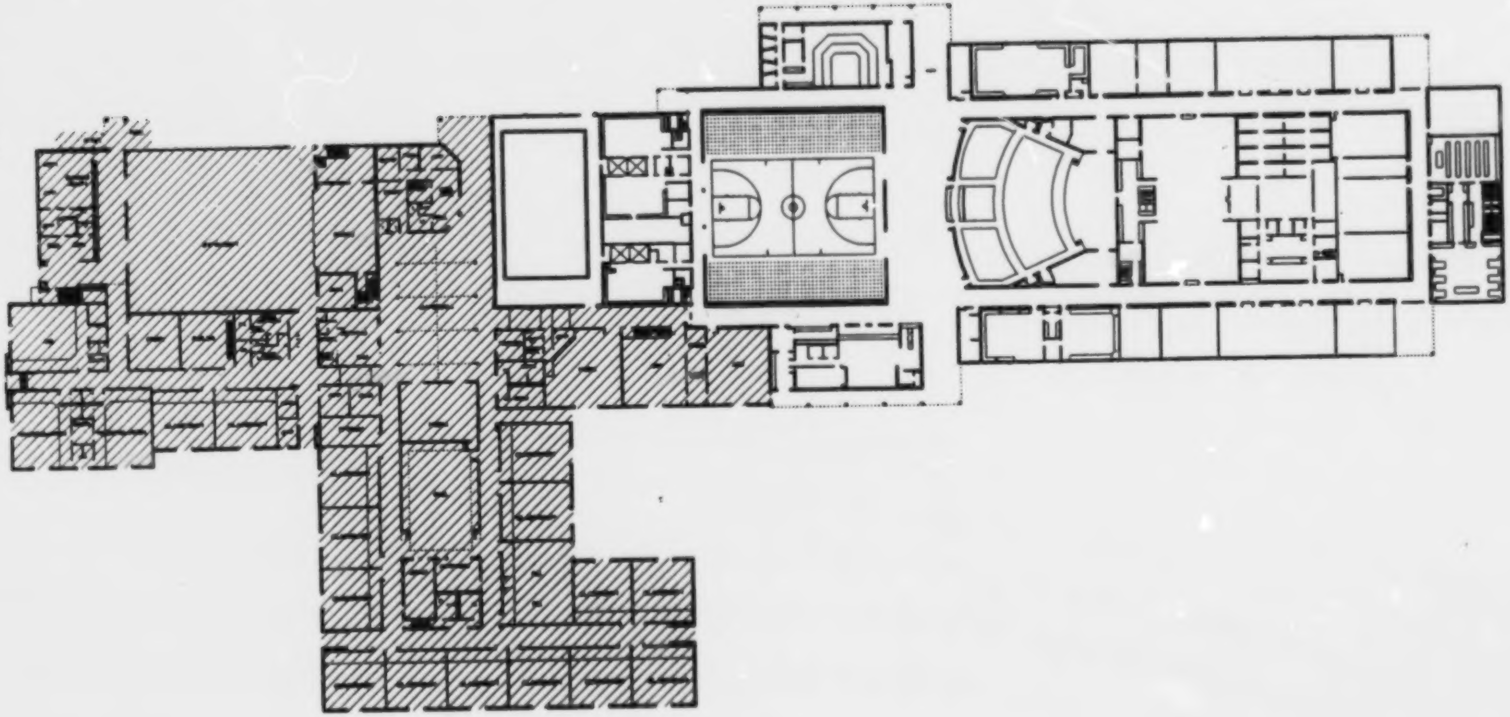
Area:	
Site:	7,200 sq. ft.
Building:	2,700 sq. ft.

Cost per Sq. Ft.: $58.70

PROJECT DESCRIPTION: A 2700 sq. ft addition consisting of two classrooms and a new entrance.

FEATURES

Site Development:	Addition to existing elementary school.
Floors:	Concrete slab on grade
Exterior Walls:	Face brick, 2" rigid insulation and concrete block
Interior Walls:	Concrete block at corridor walls with steel stud and prefinished vinyl covered gypsum board partitions between classrooms.
Windows:	Fixed and operable aluminum windows with 1" insulating glass.
Roof:	Steel bar joists and metal deck with R-20 minimum rigid insulation and ballasted single ply membrane.
Floor Finishes:	Vinyl composition tile at vestibule and corridor, with carpet in classrooms.
Base:	Vinyl
Walls:	Painted concrete block and vinyl faced gypsum board.
Ceilings:	2x4 lay-in mineral fiber acoustic tile.
HVAC:	Ceiling hung unit ventilators tied into existing building mechanical systems.
Electrical:	2x4 lay-in troffer lighting.
Special Equipment:	Fire alarm system, smoke detection and ADA compliant automatic entrance doors.



Cedar Grove K-6 Addition

Cedar Grove, Wisconsin

- ■ **Bray**
- ■ **Associates**
- ■ **Architects**

NAME OF SCHOOL: CEDAR GROVE K-6 ADDITION

GENERAL INFORMATION

Owner: Cedar Grove School District
Mr. Roger Klumb, District Administrator

Date Project Approved by S.D: Winter 1991
Date Construction Start: Spring 1992
Date Construction Completion: August 1992

Costs:		
	Construction:	$2,800,000
	Site Work:	$200,000
	Equipment:	$300,000
	TOTAL:	$3,300,000

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Joe Schmitt & Sons Construction
(414) 457-4426

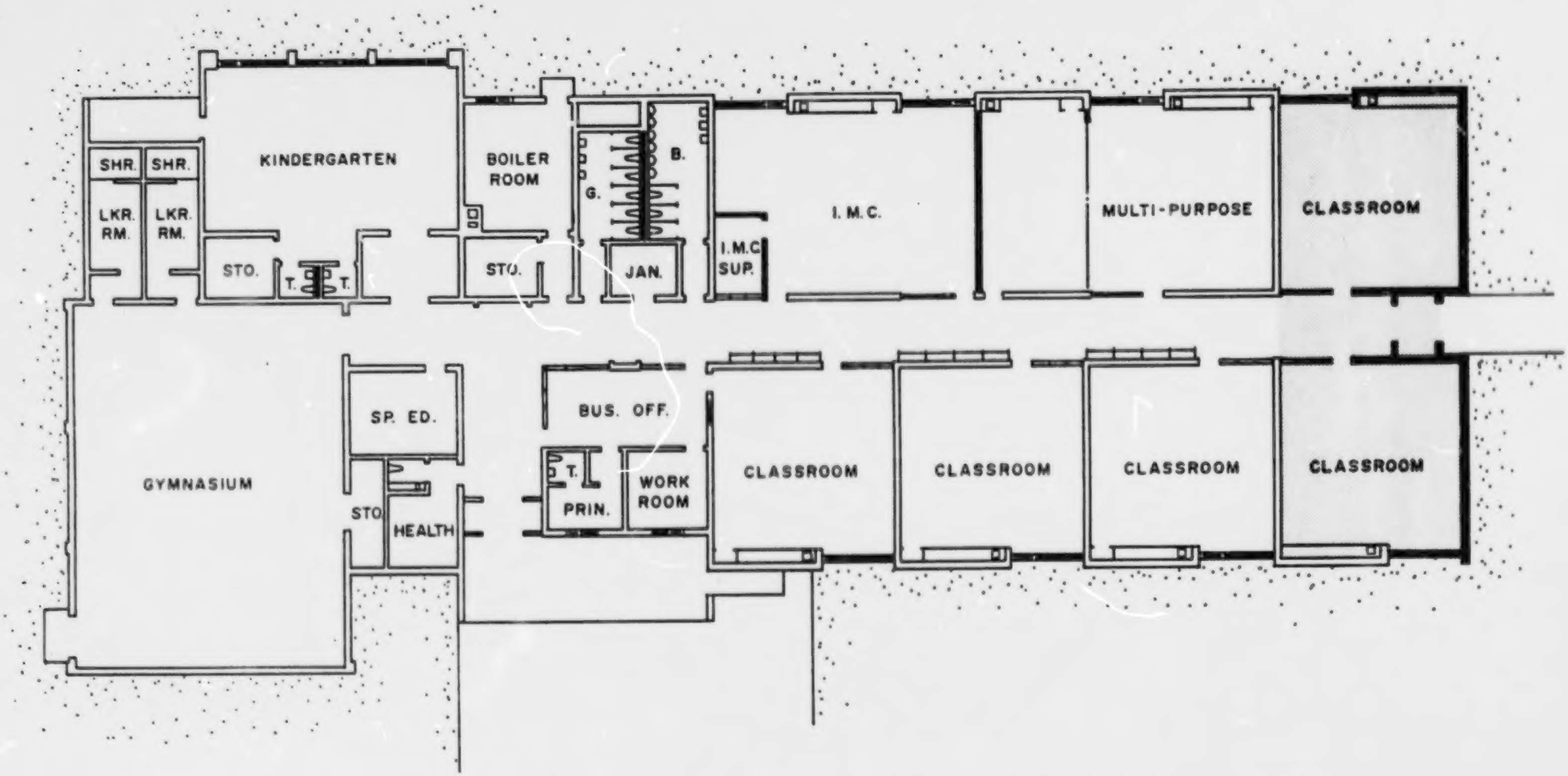
Area: Site Existing
Building: 55,000 SF New
16,000 SF Remodeling

Cost per Sq. Ft.: $46.48

PROJECT DESCRIPTION: The K-6 addition replaced the original Academy building and closed the existing grade school. The combined K-12 facility features the incorporation of the old school front entrance as a feature in the new design.

FEATURES

Site Development:	Demolition of the old school plus extensive driveway, parking and remodeling of some existing areas.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Existing gas fired boilers serve perimeter radiation with heating coils in duct work. Office area is air conditioned.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.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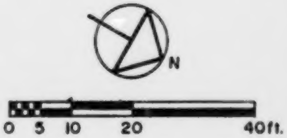
BEAR CREEK ELEMENTARY SCHOOL

BEAR CREEK, WISCONSIN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THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

Sheboygan ☐
Appleton ■
Hayward ☐

BEAR CREEK ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Clintonville School District
Jerald Schoenike, District Administrator

Date Construction Start: July 1992
Date Construction Completion: May 1, 1993

Costs: **Construction:** $187,000

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: George M. Hougard
(414) 497-7777

Area: **Site:** 240,000 sq. ft.
Building: 2,431 sq. ft. addition

Cost per Sq. Ft.: $76.92

PROJECT DESCRIPTION: A single story addition extending the academic wing and providing two additional classrooms.

FEATURES

Site Development: Grade build-up to accommodate addition and new exit.

Floors: Concrete slab-on-grade.

Exterior Walls: Face brick, 2" rigid insulation, concrete masonry backup.

Interior Walls: Concrete masonry.

Windows: Single-hung, metal-clad wood windows with double glazed Low-E glass.

Roof: Pitched steel joists and deck with R-21.4 rigid insulation and ballasted single-ply roof membrane.

Floor Finishes: Vinyl composition tile.

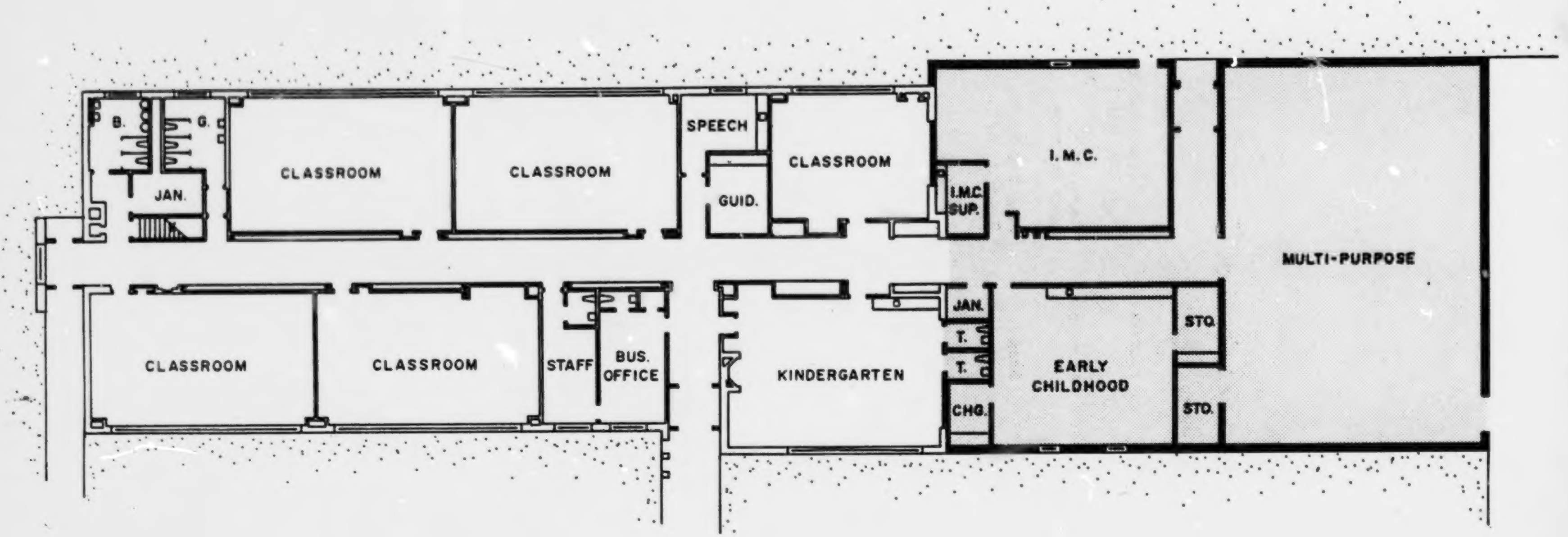
Base: Resilient base.

Walls: Painted concrete masonry.

Ceilings: Suspended lay-in.

HVAC: Unit ventilators tied to extension of existing hot water system.

Electrical: 2' x 4' lay-in fluorescent lighting throughout.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STAFF
BUS. OFFICE
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DELLWOOD ELEMENTARY SCHOOL

CLINTONVILLE, WISCONSIN

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THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

Sheboygan ☐
Appleton ■
Hayward ☐

DELLWOOD ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Clintonville School District
Jerald Schoenike, District Administrator

Date Construction Start: July 1, 1992
Date Construction Completion: May 1, 1993

Costs: **Construction:** $340,000

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: George M. Hougard
(414) 739-4932

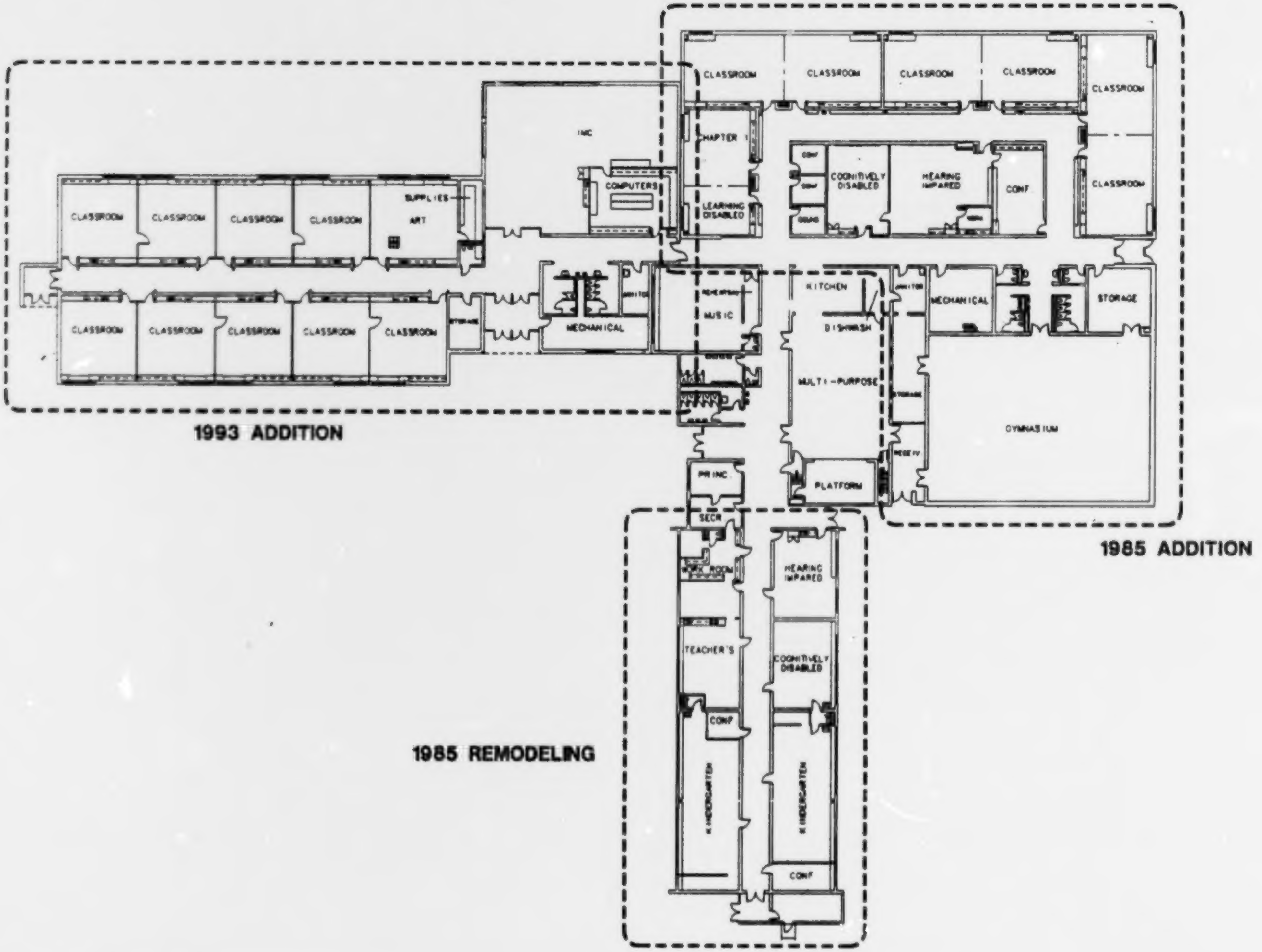
Area: **Site:** 480,000 sq. ft.
Building: 7,073 sq. ft. addition

Cost per Sq. Ft.: $48.07

PROJECT DESCRIPTION: A single story addition consisting of a multi-purpose room, I.M.C. and early childhood classroom.

FEATURES

Site Development:	Redesign of paved delivery area and playground space.
Floors:	Concrete slab-on-grade
Exterior Walls:	Face brick, 2" rigid insulation, and concrete masonry backup.
Interior Walls:	Concrete masonry.
Windows:	Single-hung, metal clad wood windows with double-glazed Low-E glass.
Roof:	Steel joists and deck with R-15.7 rigid flat insulation, tapered insulation, and ballasted singly ply roof membrane.
Floor Finishes:	Vinyl composition tile in multi-purpose room, carpeting in I.M.C., a combination of VCT and carpet in early-childhood, and ceramic tile in toilets.
Base:	Resilient in tile and carpet areas and ceramic in toilets.
Walls:	Painted concrete masonry.
Ceilings:	Painted exposed structure in multi-purpose room, suspended lay-in in remainder.
HVAC:	Gas-fired forced air in multi-purpose room; unit ventilators in I.M.C. and E.C.; and fan coil units and convectors in miscellaneous areas.
Electrical:	Suspended fluorescent in multi-purpose room and 2' x 4' lay-in fluorescent throughout remainder. De-strat fans in multi-purpose.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WORK ROOM
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KINDERGARTEN
HEARING IMPARED
COGNITIVELY DISABLED
KINDERGARTEN
CONF
1993 ADDITION
1985 ADDITION
1985 REMODELING

1993
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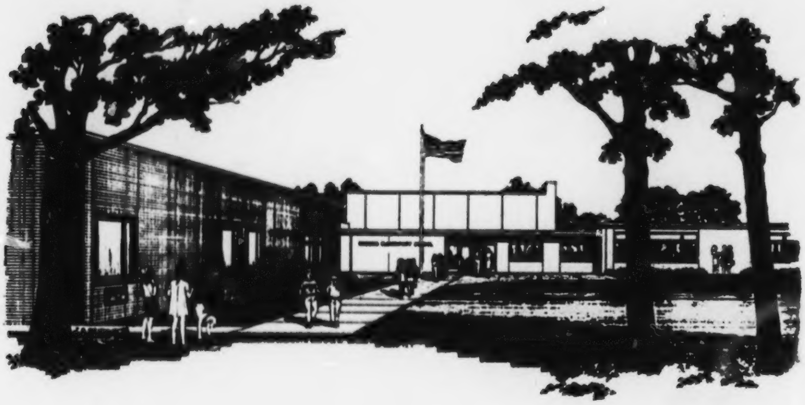
REFERENCE PLAN

ROBBINS ELEMENTARY SCHOOL ADDITIONS
EAU CLAIRE SCHOOL DISTRICT
EAU CLAIRE, WISCONSIN

Seymour Davis Seymour



NAME OF SCHOOL: ROBBINS ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
Eau Claire School District
Lee Hansen, District Administrator

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Date Project Approved by S.D: November 1992
Date Construction Start: April 1993
Date Construction Completion: September 1993

Contractor: Hehl-Grohn Company, Inc.
(715) 834-2711

Costs:	**Construction:**	$806,403
	Equipment:	$262,596
	TOTAL:	$1,068,999

Area: **Site:** 2 acres
Building: 23,805
Cost per Sq. Ft: $48.00

PROJECT DESCRIPTION: This 1993 addition included 23,800 square feet and consisting of nine classrooms, an art room, IMC, and computer lab. The existing media center and computer labs were converted to conference and classrooms.

FEATURES

Site Development: Site work was minimal on existing land. Expanded parking lot.

Floors: Slab on grade.

Exterior Walls: Concrete block with face brick.

Interior Walls: Painted block in corridors and classrooms, gypsum board in classrooms.

Windows: Aluminum slider windows.

Roof: Fully adhered single-ply rubber membrane.

Floor Finishes: 12 x 12 terrazzo tile in corridors, resilient flooring in classrooms and carpet in library and computer lab.

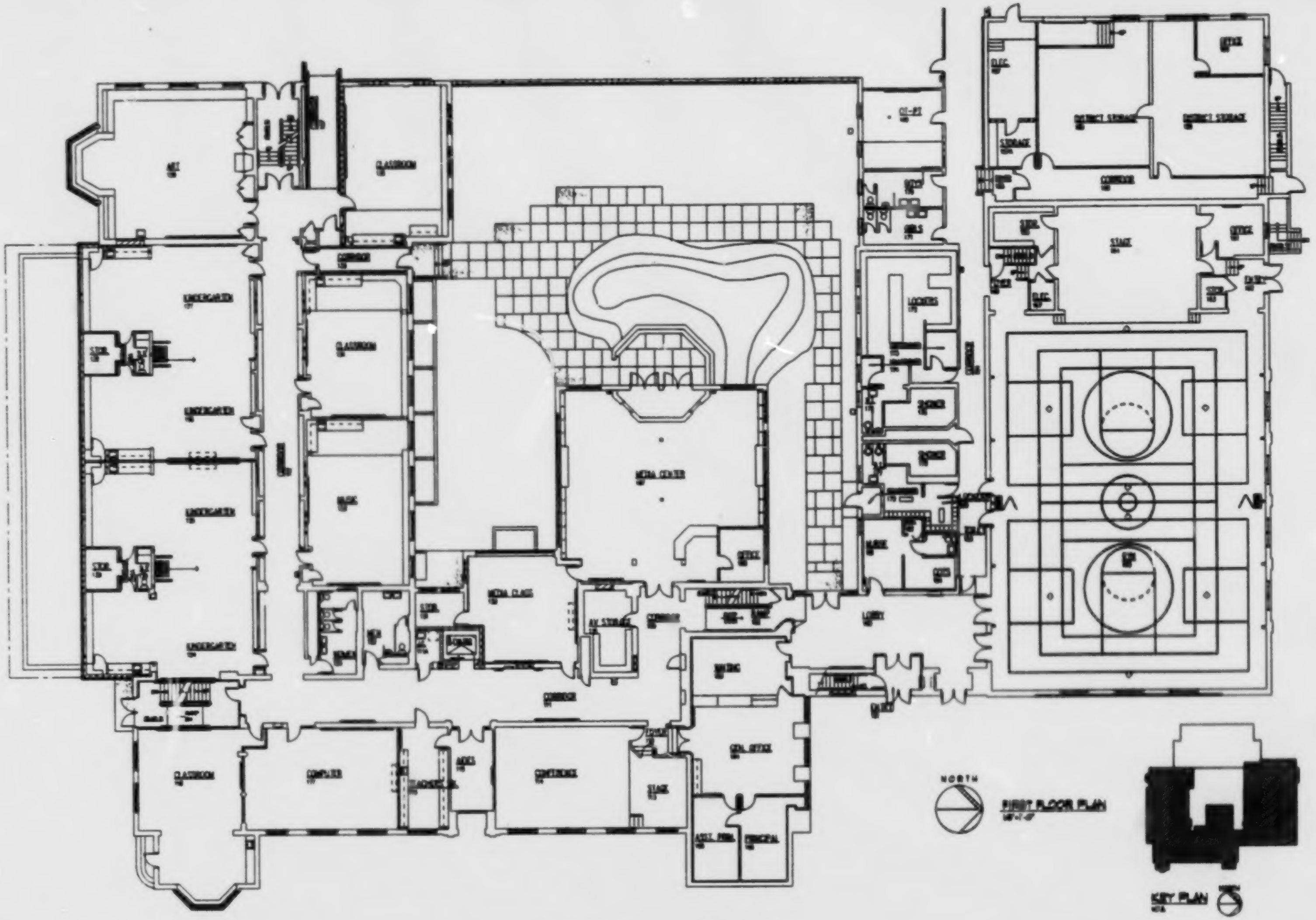
Base: Terrazzo in corridors, vinyl all other areas.

Walls: Painted concrete block.

Ceilings: 2 x 2 lay-in tile.

HVAC: Existing boiler services new addition. Added air handlers.

Electrical: Service was expanded from existing.


ART
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MEDIA CENTER
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ELEC.
GYM
NORTH
FIRST FLOOR PLAN
KEY PLAN

■ B H S A R C H I T E C T S I N C ■

6789 N. Green Bay Avenue Milwaukee, Wisconsin 53209 414 351•6390

PROJECT: STORMONTH PRIMARY SCHOOL / FOXPOINT – BAYSIDE SCHOOL DISTRICT

BEST COPY AVAILABLE

NAME OF SCHOOL: Peter Stormonth

GENERAL INFORMATION

Owner: Fox Point/Bayside School District

Architect: BHS Architects, Inc.

Date Project Approved by S.D: November 25, 1991
Date Construction Start: December 6, 1991
Date Construction Completion: September 8, 1992

Contractor: Stevens Construction

Costs:		
	Construction:	$3,810,000.00
	Site Work:	165,000.00
	Equipment:	270,000.00
	TOTAL:	$4,245,000.00

Area: Site:
Building: 96,000 S.F.

Cost Per S.F.: $45.00

PROJECT DESCRIPTION: Two additions containing 26,000 S.F. of classroom and cafeteria space were constructed on to an existing 70,000 S.F. school. Extensive renovation to existing building which involved new windows, construction of an entry atrium, HVAC, plumbing and electrical updating. The school district offices contained within the school building was remodeled as part of this project.

FEATURES

Site Development:	New asphalt parking lot, maintenance/storage building for school district, playground.
Floors:	Concrete/pre-cast concrete.
Exterior Walls:	Face brick, rigid insulation, concrete block.
Interior Walls:	Concrete block/plaster/gypsum board walls.
Windows:	Operable metal clad wood windows, insulated glazing.
Roof:	Sloped steel bar joists and metal deck with R-20 insulation with built-up roof membrane.
Floor Finishes:	Quarry tile in entry and kitchen, vinyl tile in cafeteria, ceramic tile in toilet rooms, remainder in carpet.
Base:	Quarry tile, ceramic tile, vinyl.
Walls:	Painted concrete block, plaster and gypsum board.
Ceilings:	2 x 2 lay-in mineral fiber ceiling tile and painted drywall.
HVAC:	Gas fired boilers for baseboard heating. Air conditioning in one of the two additions. Package thru wall ventilation units in the remaining classrooms.
Electrical:	2 x 2 lay-in fluorescent troffer lighting. HID lighting in entrance atrium and exterior.
Special Equipment:	Fire alarm/smoke detector system, building intercom, passenger elevator.

No Floor Plan
Provided

NAME OF SCHOOL: ETTRICK ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: School District of Gale-Ettrick-Trempealeau

Date Project Approved by S.D: May 15, 1992
Date Construction Start: June 5, 1992
Date Construction Completion: August 1, 1992

Costs:
Construction: $77,642
Site Work: 5,000
Equipment: 21,095
TOTAL: $103,737

Architect: R. J. Sullivan
(608) 784-0040

Contractor: R. J. Sullivan, Inc.
(608) 784-0040

Area: Site:
Building: 1,736 sq. ft.

Cost per Sq. Ft.: $59.76

PROJECT DESCRIPTION: IMC, Computer Room, Addition to Ettrick Elementary School, Modification to Interior Spaces

FEATURES

Site Development: Remove existing sidewalk and approach

Floors: Concrete Slab-on-Grade

Exterior Walls: 6" Textured Block Exterior, 2" Rigid Insulation, 6" Concrete Block Interior

Interior Walls: Existing Concrete Block

Windows: Awning Type Insulated Aluminum Units

Roof: Steel Bar Joist, Metal Deck, Rigid Insulation, Ballasted Membrane

Floor Finishes: Carpet

Base: Vinyl

Walls: Painted

Ceilings: 2 x 4 lay-in

HVAC: Boiler Fired unit Ventilation

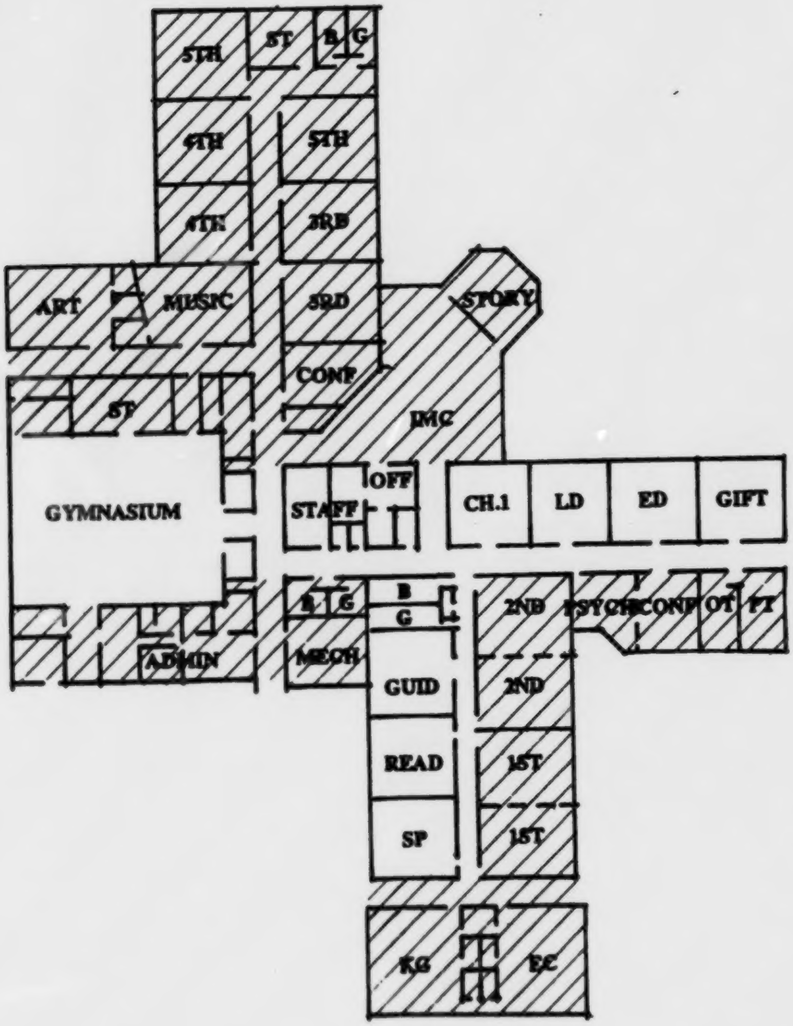
Electrical: 2 x 4 Energy Saving Lights

Special Equipment: None

MacArthur Elementary School

Germantown, Wisconsin

- **Bray**
- **Associates**
- **Architects**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NAME OF SCHOOL: MAC ARTHUR ELEMENTARY, GERMANTOWN

GENERAL INFORMATION

Owner: Germantown School District
Mr. Louis Birchbauer, District Adminstrator

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D: Winter 1991
Date Construction Start: Winter 1991
Date Construction Completion: Fall 1991

Contractor: HunzingerConstruction Co. - CM
(414) 797-0797

Area: 30,350 SF New
2,880 SF Remodeled

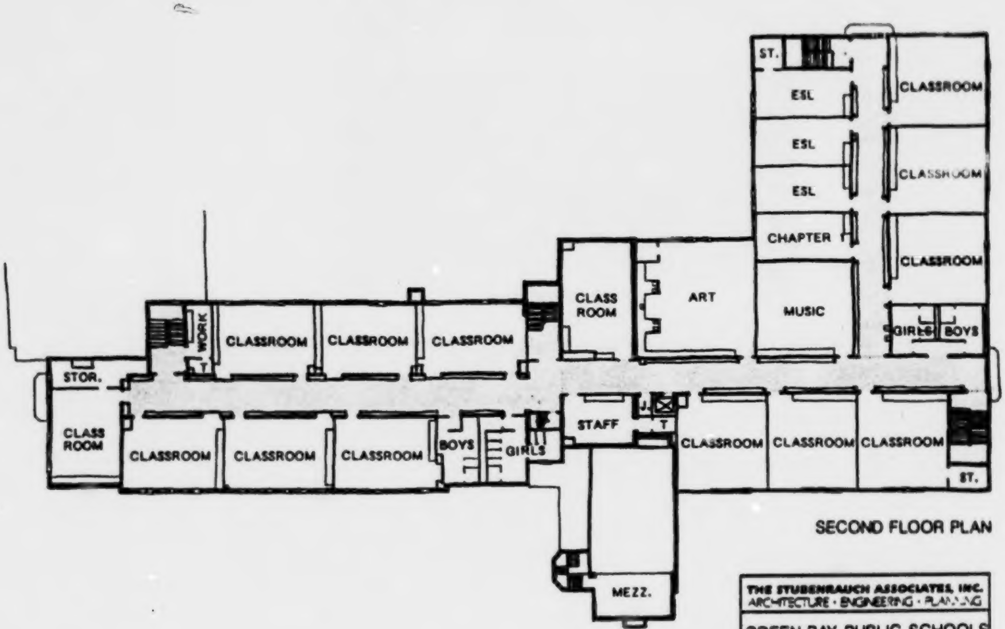
Costs:		
	Construction:	**$1,753,370**
	Site Work:	**$150,000**
	Equipment::	**$160,000**
	TOTAL:	**$2,063,370**

Cost per Sq. Ft.: **$64.47**

PROJECT DESCRIPTION: A 12-classroom addition plus music and art rooms. This project features a new IMC and offices.

FEATURES

Site Development:	The existing site was adequate for expansion of parking and play areas.
Floors:	Concrete slab on grade.
Exterior Walls:	Standard size face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane. Metal roof at entrance and gymnasium area.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 2 lay-in mineral fiber acoustical tile.
HVAC:	The existing school had unit ventilators but the addition has air handling units along with Runtel perimeter radiation.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.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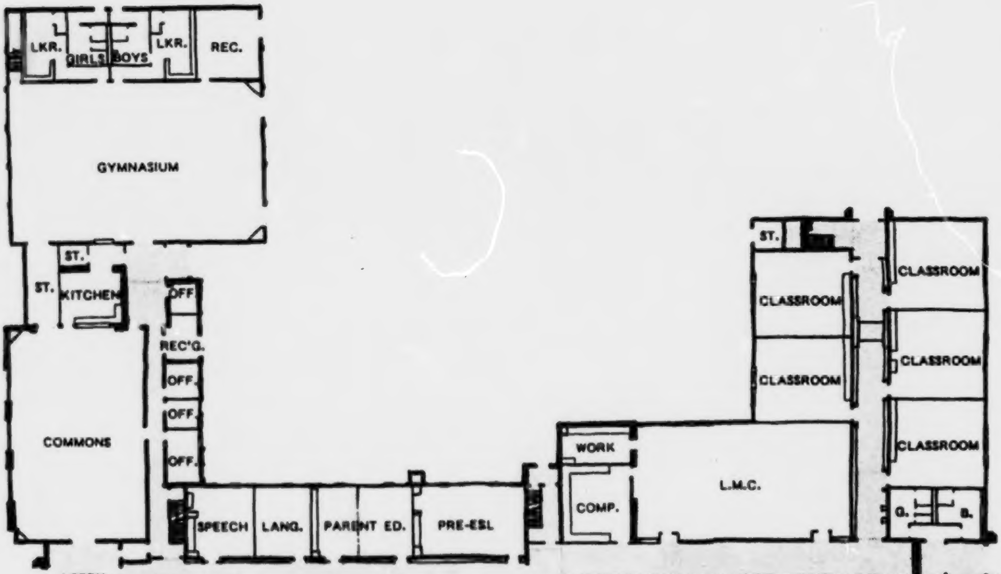
SECOND FLOOR PLAN

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

GREEN BAY PUBLIC SCHOOLS

NICOLET ELEMENTARY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FIRST FLOOR PLAN

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NICOLET ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Green Bay School District
Robert Fuhr, Exec. Dir. Fac. & Related Services

Date Construction Start: October 1992
Date Construction Completion: September 1993

Costs:
Construction: $2,215,632
Site Work: 36,050
Equipment: 50,489
TOTAL: $2,302,171

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Frank O. Zeise
(414) 437-5426

Area:
Site: 2.6 acres
Building: 36,251 sq. ft. addition
Remodeling throughout existing building.

Cost per Sq. Ft.: $63.51

PROJECT DESCRIPTION: Two-story classroom addition, Gymnasium addition, and partial interior remodeling of existing Elementary School.

FEATURES

Site Development: Playground and parking areas were redesigned to accommodate building additions and renovation of adjacent park site.

Floors: Concrete slab-on-grade and concrete topping on precast concrete plank.

Exterior Walls: Insulated masonry cavity wall with face brick veneer. EIFS accents.

Interior Walls: C.M.U. and gypsum board on metal studs.

Windows: Aluminum clad wood double hung with Low-E glass, integral blinds and muntin bars.

Roof: Ballasted single ply E.P.D.M., adhered E.P.D.M. and asphalt shingles.

Floor Finishes: V.C.T. in classrooms, quarry tile in corridors, carpet in offices and L.M.C., maple hardwood in gymnasium, and ceramic tile in toilet rooms.

Base: Resilient, quarry tile, and wood.

Walls: Painted C.M.U. and gypsum board.

Ceilings: 2 x 2 acoustic tile, 2 x 4 vinyl covered gypsum board, exposed steel.

HVAC: Existing boilers provide hot water to new air handling units which distribute tempered air to new building areas. Entire classroom addition is air conditioned.

Electrical: Electrical lighting, power communications and fire alarm. New electrical service and emergency generator.

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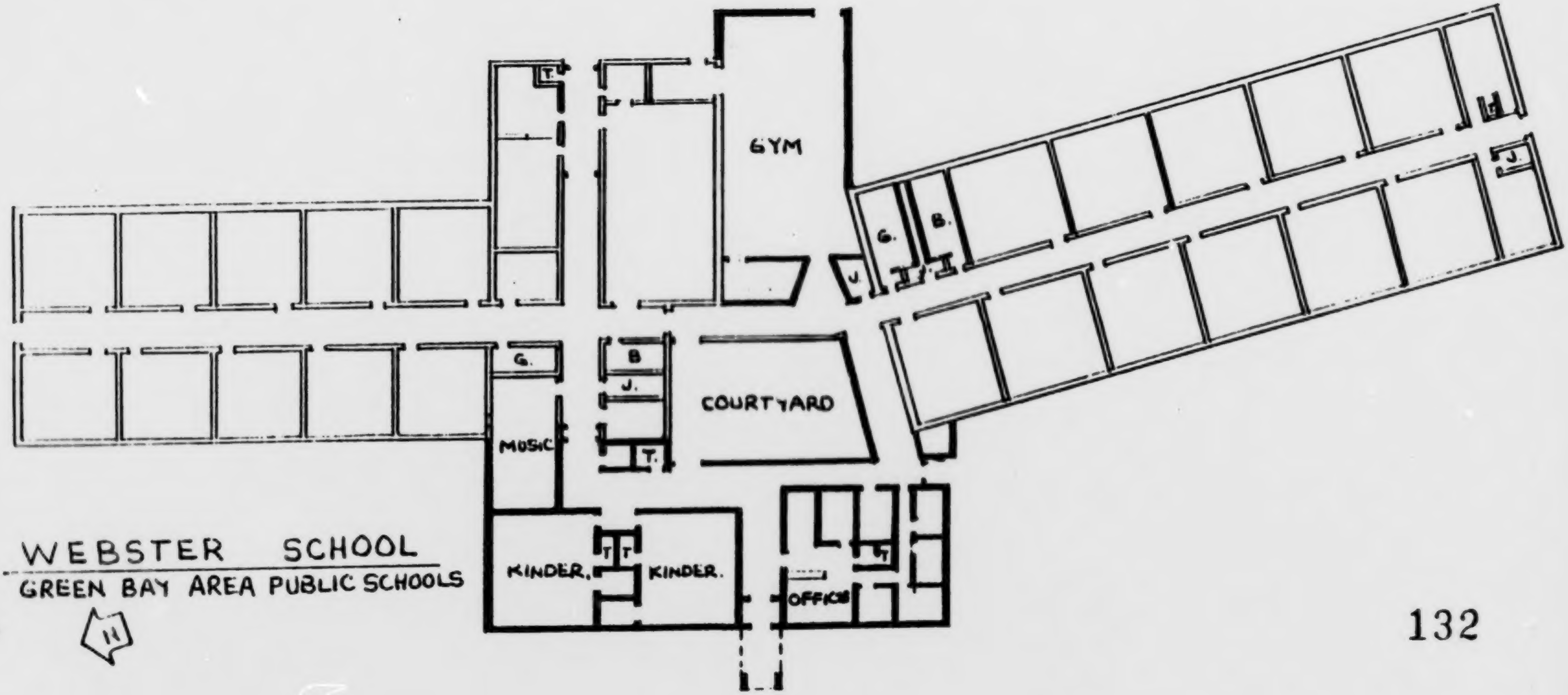
ARCHITECTS
GROUP LIMITED

1825 South Webster Avenue
Building 2
P.O. Box 340
Green Bay, WI 54305
414-432-1232
FAX 414-432-7283

L.J. Barone, F.A.R.A.
C.E. Winnekins, CSI AIA
D.C. Johnson, AIA
M.J. Stangel, AIA
T.J. Baranczyk, AIA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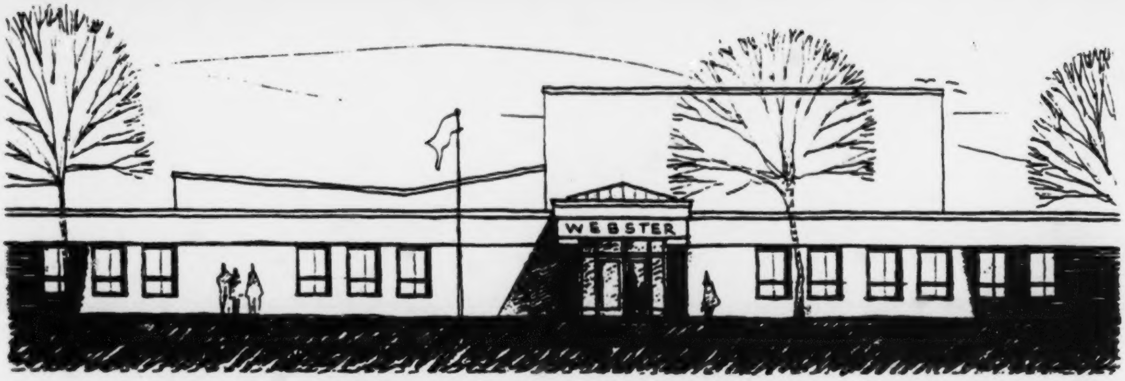
WEBSTER SCHOOL
GREEN BAY AREA PUBLIC SCHOOLS



NAME OF SCHOOL: WEBSTER ELEMENTARY SCHOOL
GREEN BAY, WISCONSIN

GENERAL INFORMATION

Owner: Green Bay Area School District
Dr. Thomas Joynt, District Administrator

Architect: Architects Group Ltd.
(414)432-1232

Date Project Approved by S.D: February 1, 1992
Date Construction Start: June 8, 1992
Date Construction Completion: October 21, 1992
Costs: Construction: $533,512.00

Contractor: Wall-Rich Construction
(General Contractor)
Area: Building: 8,855 sq.ft.
Cost per Sq.Ft.: $60.24

PROJECT DESCRIPTION: An 8,855 s.f. addition consisting of two kindergarten classrooms, one music room, new canopied entrance, administration offices and exterior courtyard to the existing Grades 1-5 School. In 1990 the gym addition was completed at a cost of $364,507.00.

FEATURES

Site Development:	New landscaped courtyard surrounded by aluminum framed glass walled corridors.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick, 2" rigid insulation, concrete block.
Interior Walls:	Concrete block corridor and classroom walls. Gypsum board over metal studs administration.
Windows:	Aluminum clad wood double hung windows with slimshades between glass.
Roof:	Ballasted single ply membrane over steel bar joists.
Floor Finishes:	Quarry tile corridors and restrooms, vinyl tile classrooms, carpet administration and music.
Base:	Quarry tile and vinyl base.
Walls:	Epoxy painted concrete block corridors, painted gypsum board.
Ceilings:	2x2 lay-in mineral fiber acoustical tile, vinyl faced gypsum board wet areas.
HVAC:	Hot water fin-tube radiation, unit ventilators, administration air conditioned.
Electrical:	2x4 lay-ins flourescent lighting.
Special Equipment:	Fire alarm, music room sound absorbtion wall panels.

No Floor Plan
Provided

NAME OF SCHOOL: GREENWOOD ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Greenwood School District
John Kammerud, District Administrator

Date Project Approved by S.D:
Date Construction Start: 5/13/91
Date Construction Completion: 8/23/91

Costs:	Construction:	361,350.53
	Site Work:	12,500.00
	Equipment;	351,446.39
	TOTAL:	725,296.92

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 2,000 s.f.
Addition: 5,000 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Additions and Alterations to Greenwood Elementary School.

FEATURES

Site Development:

Floors: Concrete slab-on-grade.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable aluminum clad wood windows, double glazing, and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient tile and quarry tile.

Base: Vinyl, ceramic tile, and quarry tile.

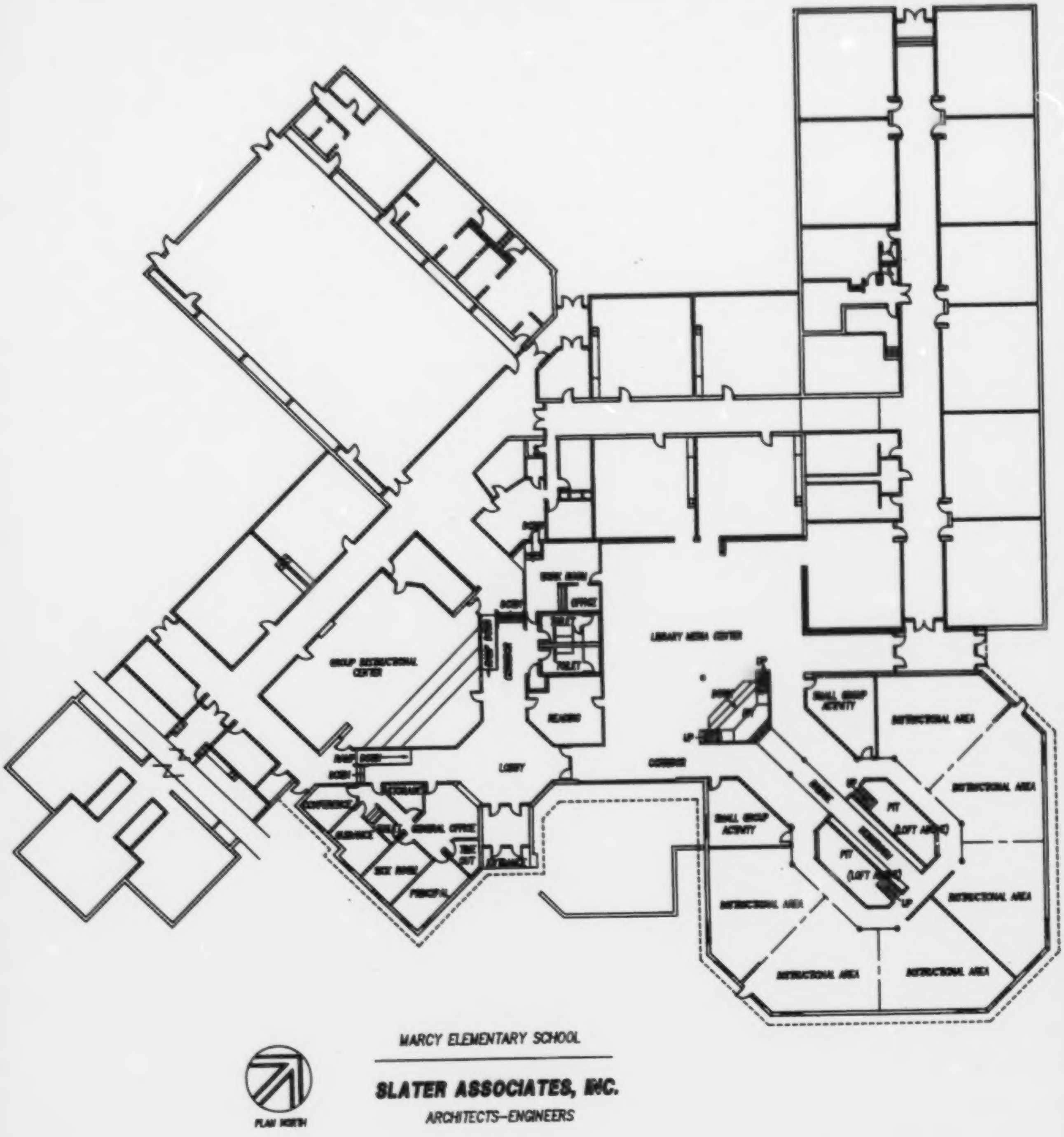
Walls: Painted concrete block, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Food service equipment and fire alarm system.


GROUP INSTRUCTIONAL CENTER
WORK ROOM
OFFICE
TOILET
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READING
LIBRARY MEDIA CENTER
LOBBY
CORRIDOR
RAMP
DOWN
CONFERENCE
STORAGE
GUIDANCE
GENERAL OFFICE
SICK ROOM
PRINCIPAL
ENTRANCE
SMALL GROUP ACTIVITY
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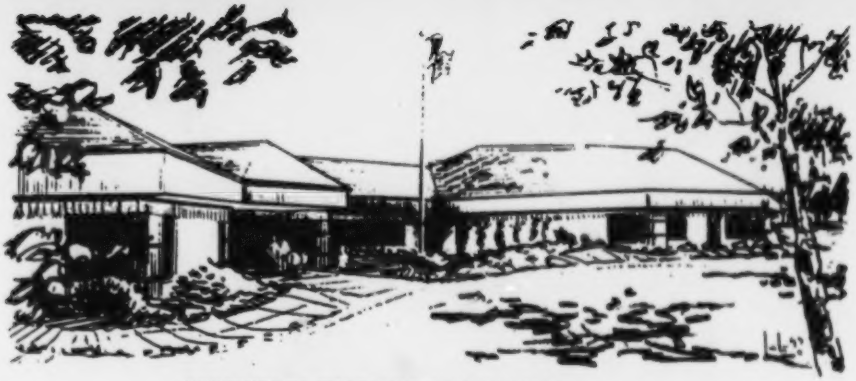
MARCY ELEMENTARY SCHOOL

SLATER ASSOCIATES, INC.

ARCHITECTS–ENGINEERS



MARCY ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Hamilton School District
Kathleen Cooke, District Administrator

Date Project Approved by S.D:	April 1992
Date Construction Start:	August 1992
Date Construction Completion:	August 1993

Costs:	**Construction:**	1,040,000
	Site Work:	60,000
	Equipment:	100,000
	TOTAL:	1,200,000

Architect: Slater Assoc., Inc.
(414) 542-7600

Contractor: 27 Prime Contractors

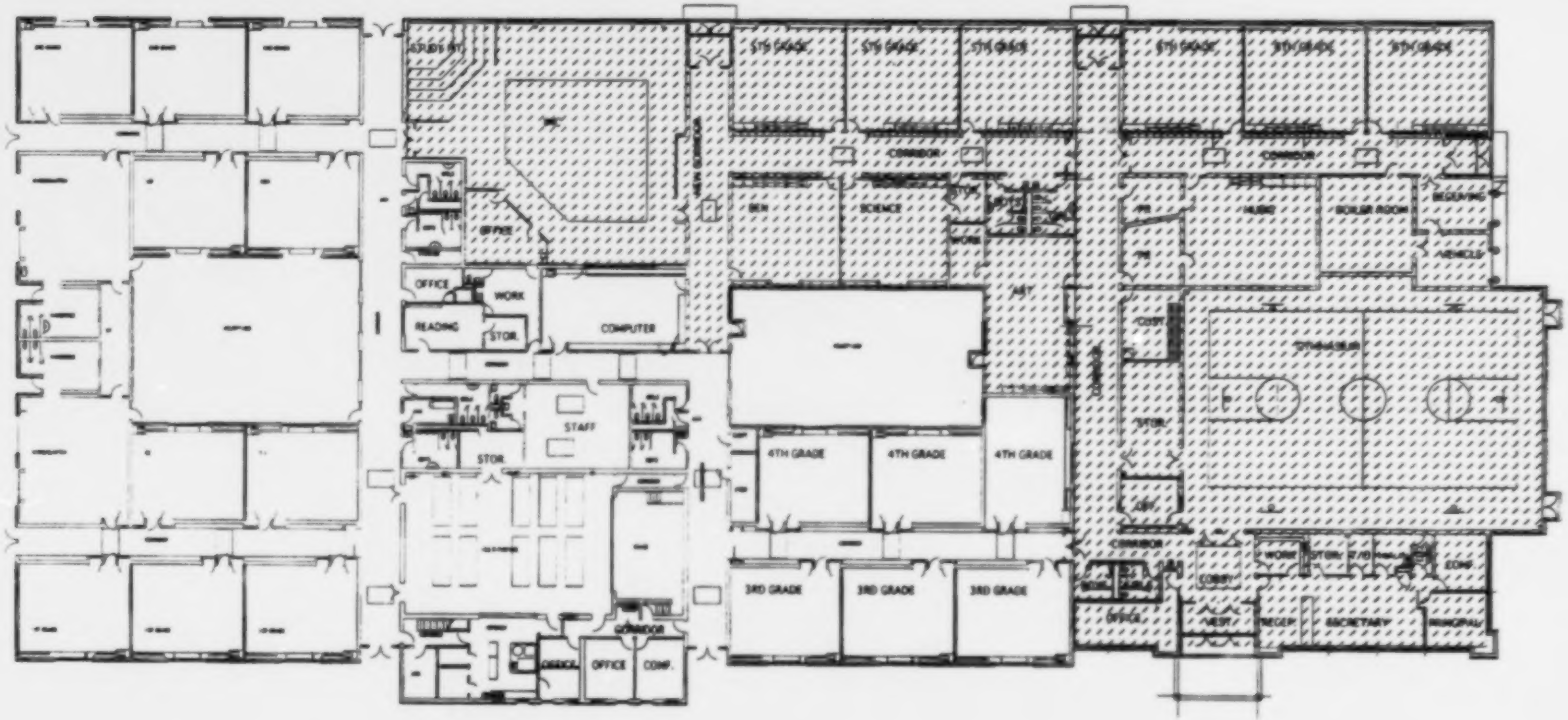
Area: Site: 14 acres
Building: 46,000 SF existing
20,000 SF new

Cost per Sq. Ft.: $46.00

PROJECT DESCRIPTION: Non-traditional instructional areas, library/media center, large group instructional area, small group instructional areas, reading lofts, pedestrian bridge over computer center from loft to media center. New administrative offices and entrance.

FEATURES

Site Development:	Regrade site and replace existing asphalt parking lots.
Floors:	Slab on grade concrete, loft and bridge wood frame.
Exterior Walls:	Masonry bearing walls.
Interior Walls:.	Steel studs and gypsum.
Windows:	Bronze tinted 1" insulating low "E" aluminum framed operable windows.
Roof:	Partially exposed wood trusses shingled and EPDM membrane.
Floor Finishes:	Ceramic pavers and carpet.
Base:	Ceramic and vinyl base.
Walls:	Painted.
Ceilings:	Stained wood trusses and 2 x 2 acoustical tiles.
HVAC:	Full air conditioning.
Electrical:	Pendant indirect lighting.
Special Equipment:	Library furniture; smoke, heat and fire alarm; computer wiring.


STUDENT
5TH GRADE
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CORRIDOR
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PRINCIPAL

Somers Elementary School

Kenosha Unified School District No. 1

Bray Associates Architects

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NAME OF SCHOOL: SOMERS ELEMENTARY ADDITION, KENOSHA

GENERAL INFORMATION

Owner: Kenosha Unified School District No. 1
Dr. Anthony Bisciglia, District Administrator
Mr. Robert Zuehlsdorf, Director of Facilities
Mr. Rex Blake, Engineer

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D:	Spring 1991
Date Construction Start:	Fall 1991
Date Construction Completion:	August 1992

Contractor: United Construction Company
(414) 637-5681

Costs:	**Construction:**	$2,567,923
	Site Work:	$117,831
	Equipment::	$149,766
	TOTAL:	**$2,835,520**

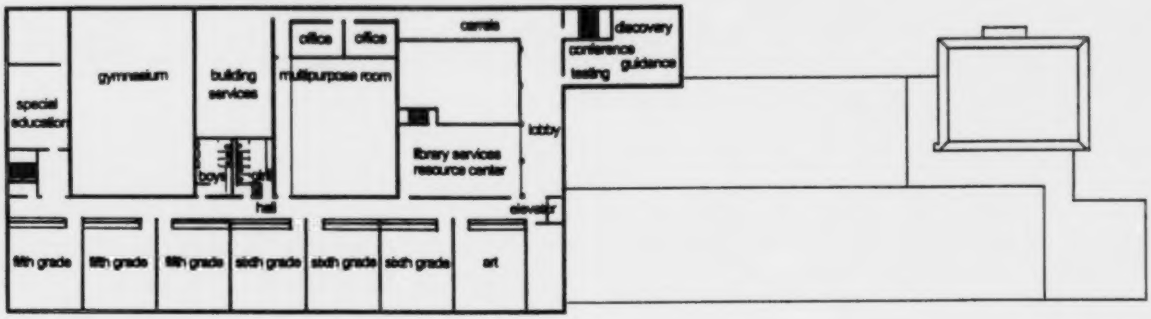
Area: Site: Existing
Building: 39,000 SF Remodeled
35,500 SF New

Cost per Sq. Ft.: $38.06

PROJECT DESCRIPTION: The project included new classrooms and a gym surrounding a courtyard, plus extensive remodeling to the existing school. The IMC was expanded in its original location with conversion of areas for music, cafeteria and art.

FEATURES

Site Development:	The existing site was quite large and afforded room for adequate expansion of parking and play areas.
Floors:	Concrete slab on grade. Precast deck with topping.
Exterior Walls:	Standard size face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane. Metal roof at entrance and gymnasium area.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 2 lay-in mineral fiber acoustical tile.
HVAC:	The existing school had unit ventilators but the addition has air handling units along with Runtel perimeter radiation.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


gymnasium
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office
office
carrels
discovery
conference
testing
guidance
special education
multipurpose room
lobby
library services resource center
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girls
hall
elevator
fifth grade
fifth grade
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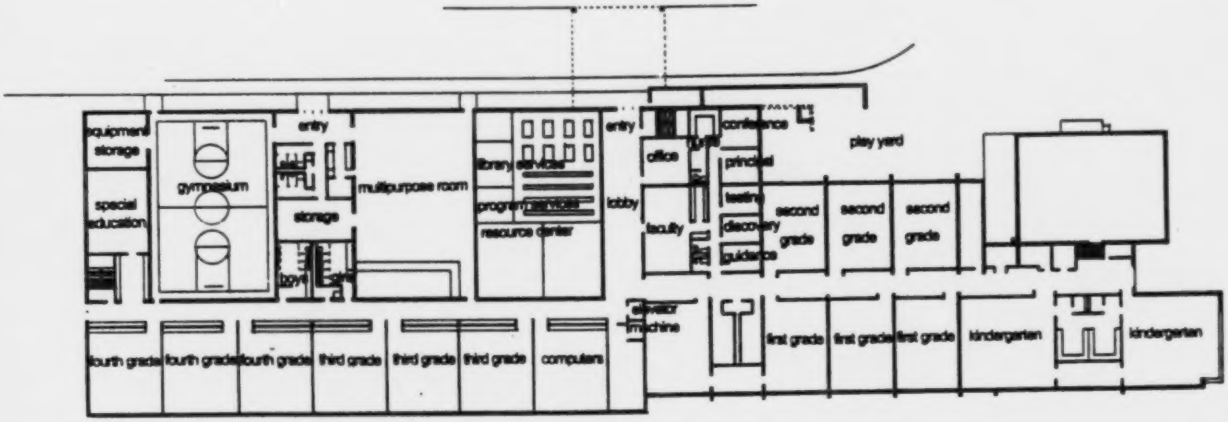
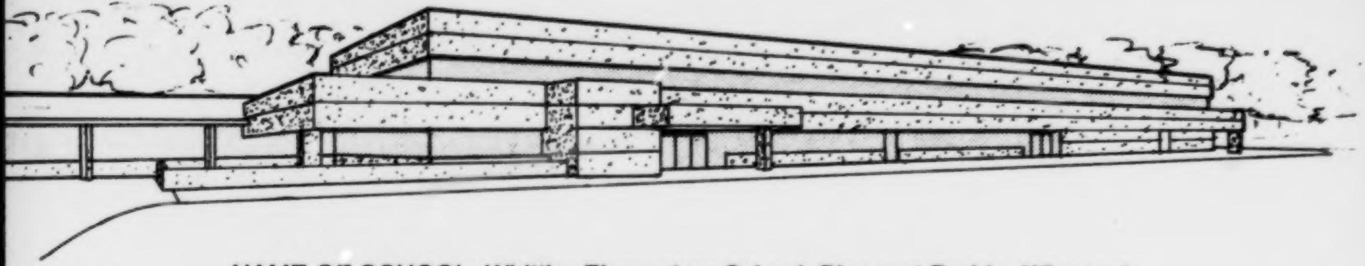
sixth grade
sixth grade
sixth grade
art

Second Floor Plan


equipment storage
gymnasium
entry
special education
storage
multipurpose room
library services
program services
resource center
entry
office
lobby
faculty
conference
principal
testing
discovery
guidance
play yard
second grade
second grade
second grade
boys
girls
elevator machine
fourth grade
fourth grade
fourth grade
third grade
third grade
third grade
computers
first grade
first grade
first grade
kindergarten
kindergarten

First Floor Plan

Robert M. Kueny, Architect
2403 - 136th Avenue
Kenosha, Wisconsin 53144



NAME OF SCHOOL: Whittier Elementary School, Pleasant Prairie, Wisconsin

GENERAL INFORMATION

Owner: Kenosha Unified School District #1
Mr. Anthony Bisciglia, Superintendent

Date Project Approved by S.D:	April 1990
Date Construction Start:	October 3, 1990
Date Construction Completion:	August 15, 1991

Costs:		
	Construction:	$ 2,300,059.00
	Site Work:	$ 112,675.00
	Equipment:	$ 271,026.00
	TOTAL:	$ 2,683,760.00

Architect: Robert M. Kueny
(414) 859-2201

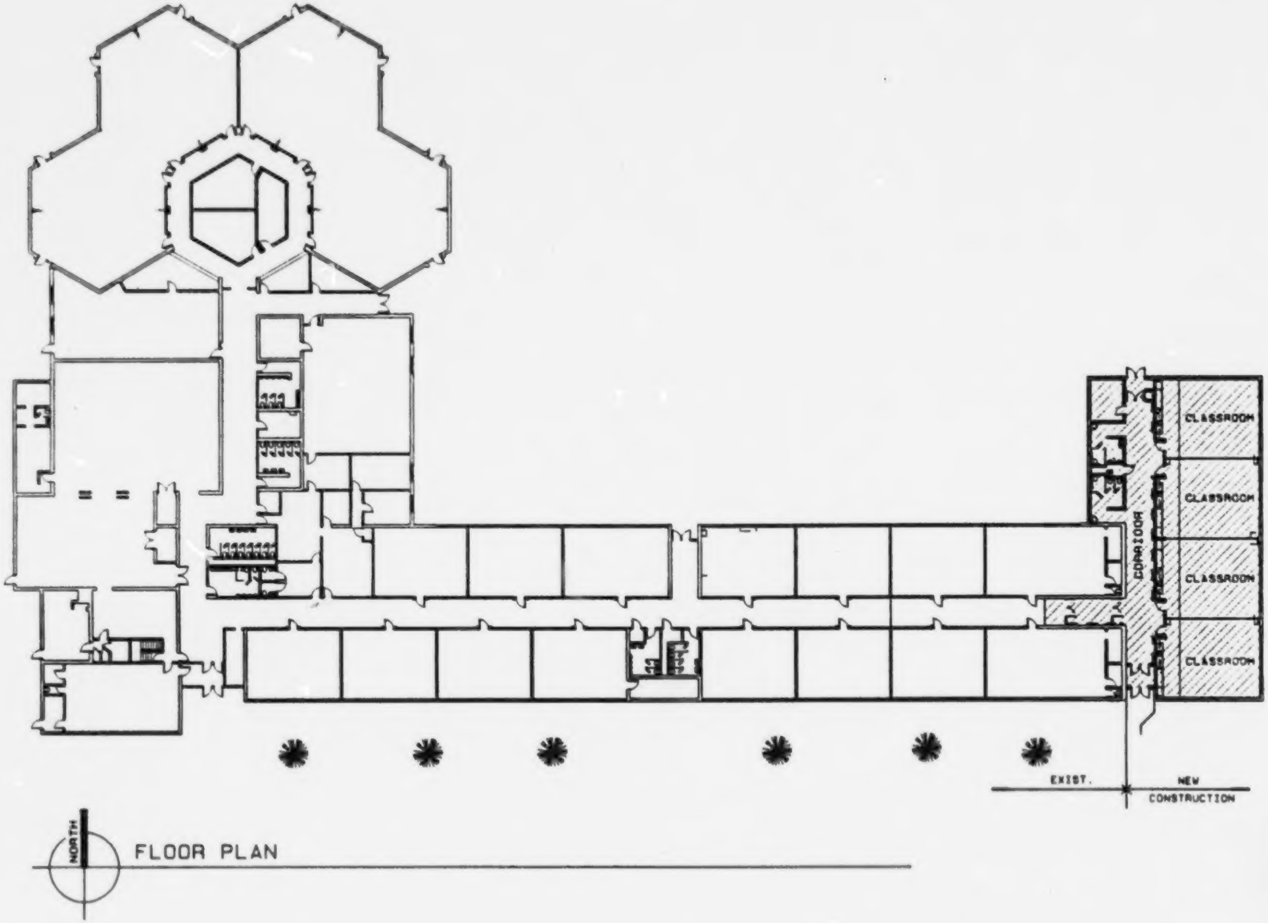
Contractor: Schwabe Construction Co.
(414) 662-5551

Area: Site: 6.4 Acres
Building: 47,500 ft² - Addition
16,000 ft² - Remodel
Cost per Sq. Ft.: $ 54.00 - Addition
$ 12.00 - Remodel

PROJECT DESCRIPTION: A 47,500 square foot addition consisting of 16 classrooms, IMC, student library, multipurpose room and gymnasium. The existing school was remodeled including new floor and wall treatments, suspended ceiling with new fluorescent fixtures and new HVAC.

FEATURES

Site Development:	Extensive storm sewer work, new asphalt parking and playground areas.
Floors:	Concrete slab on grade. Precast concrete deck with 2" concrete topping.
Exterior Walls:	Insulated precast concrete wall panels.
Interior Walls:	Concrete block or metal studs and veneer plaster system.
Windows:	Continuous fixed aluminum sash with 1" insulating, Low E glass.
Roof:	Precast concrete deck with R-50 rigid insulation and loose laid ballasted single ply membrane.
Floor Finishes:	Ceramic tile in lobby and toilets; carpet in classrooms, library and offices; resilient in remainder.
Base:	Ceramic tile and vinyl.
Walls:	Epoxy painted block or veneer plaster, ceramic tile in toilet rooms.
Ceilings:	2' x 2' lay in acoustical tile or painted plaster.
HVAC:	2 gas fired boilers feeding air handling units to VAV fan powered mixing boxes. Individual control in each classroom. Chilled water air conditioning throughout.
Electrical:	2' x 4' lay in fluorescent fixtures and fluorescent valance lighting. Metal halide fixtures in gymnasium. Integrated clock / PA / intercom / bell system and fire alarm with smoke detectors.
Special Equipment:	Elevator. Cabinets with sink, chalk and tack boards in each classroom. Bleachers and basketball backstops in gym. Greenhouse off second floor.


CLASSROOM
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CORRIDOR
EXIST.
NEW
CONSTRUCTION
NORTH

FLOOR PLAN

AYA
ARCHITECTS · ENGINEERS
51 SOUTH JACKSON STREET
JANESVILLE, WISCONSIN 53545
608/756-2326 FAX 608/756-0464

NAME OF SCHOOL: Lake Mills Prospect Elementary School

GENERAL INFORMATION

Owner: Lake Mills Area Schools		**Architect:**	Angus-Young Associates,Inc. 51 S. Jackson St. Janesville,WI 53545 (608) 756-2326
Date Project Approved by S.D:	February 22, 1993	**Contractor:**	Maas Brothers Construction Co., Inc.
Date Construction Start:	April 1, 1993		P.O. Box 108
Date Constr. Completion:	August 9, 1993		Watertown,WI 53094
Costs: Construction:		**Area:**	Site:
Site Work:			Building: 6130 S.F.
Equipment:			
TOTAL:		**Cost per Sq.Ft.:**	$64.74

PROJECT DESCRIPTION: Addition comprised of four, first grade classrooms, two toilet rooms, storage room, attic/mechanical space.

FEATURES

Site Development: Remove existing trees & landscape, repair existing asphalt playground.

Floors: Concrete slab on grade.

Exterior Walls: Concrete masonry units with 2" rigid insulation & face brick to match existing.

Interior Walls: 8" concrete masonry unit with 8" glazed block base.

Windows: Operable metal clad wood windows,double glazed low E glass with slim shades.

Roof: Wood truss frame with 5/8" plywood sheathing & asphalt shingles.

Floor Finishes: Recessed floor mat in vestibules, ceramic tile in toilet rooms, vinyl composition tile in corridors & carpet in classrooms with 6'-0" vinyl composition tile and cabinetry.

Base: 8" glazed block in vestibules & corridor, ceramic tile in toilet rooms, 4" vinyl base in classrooms.

Walls: Painted concrete block throughout with moveable folding partitions between classrooms.

Ceilings: 2' x 4' mineral fiber acoustical tile.

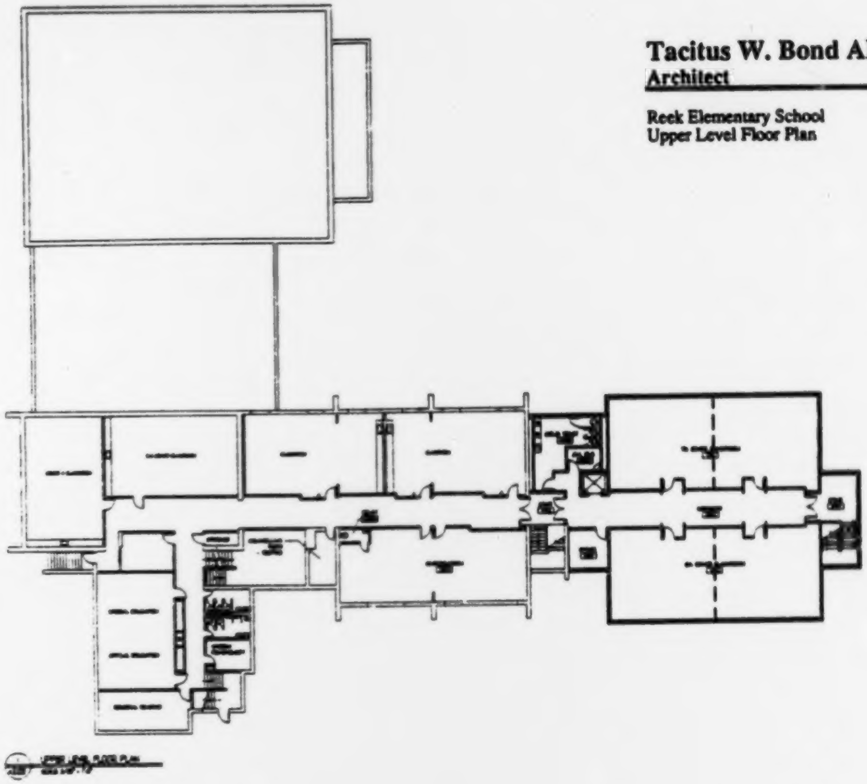
HVAC: Gas fired boilers serving perimeter baseboard heating units & air handling units for heating, air conditioning throughout.

Electrical: 2' x 4' fluorescent lighting, recessed can lighting in toilet rooms.

Special Equipment: ADA fire alarm system, moveable folding partitions between classrooms, custom cabinetry.

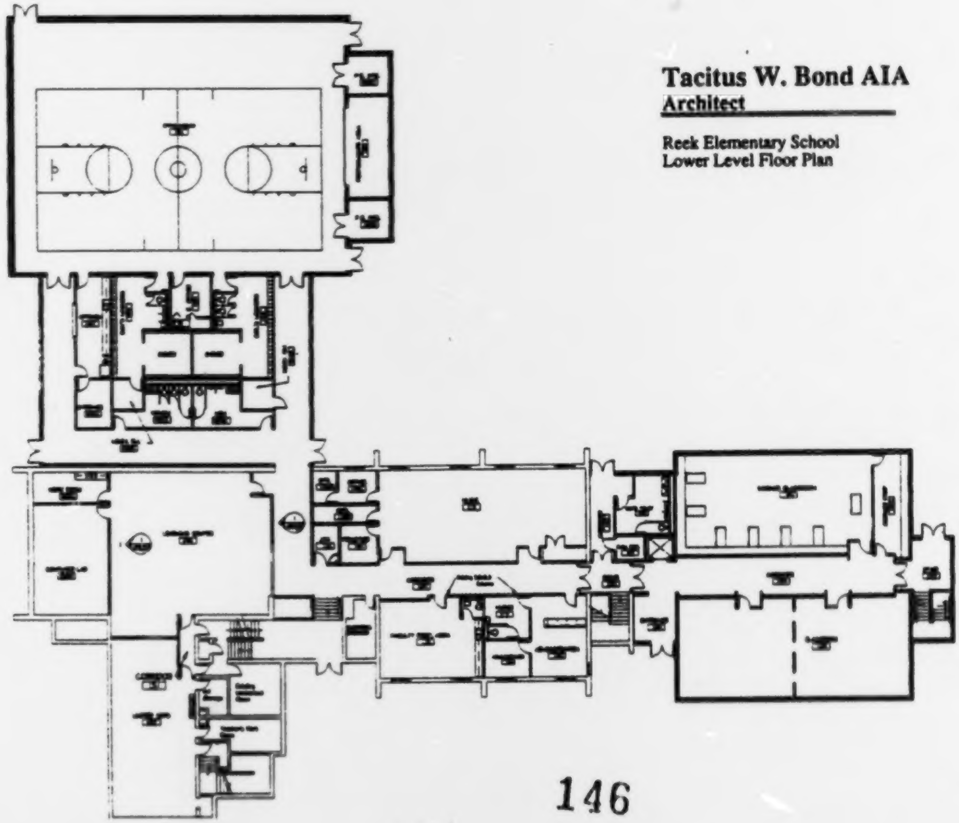
Tacitus W. Bond AIA
Architect

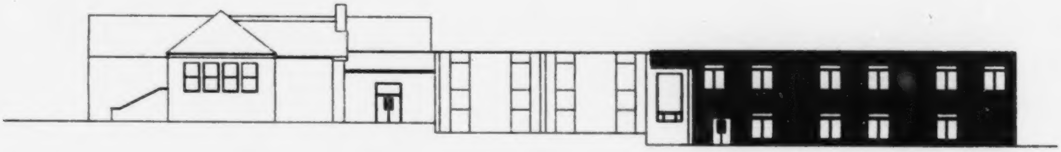
Reek Elementary School
Upper Level Floor Plan



Tacitus W. Bond AIA
Architect

Reek Elementary School
Lower Level Floor Plan





NAME OF SCHOOL: REEK ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Linn Joint District No. 6
Mr. Scott Huth, District Administrator

Date Project Approved by S.D: April 8, 1993
Date Construction Start: May 3, 1993
Date Construction Completion: November 30 , 1993

Costs:		
	Construction:	$1,384,000.00
	Site Work:	
	Equipment:	
	TOTAL:	$1,384,000.00

Architect: Tacitus W. Bond, Architect
(414) 736-9596

Contractor: Magill Construction Company
(414) 723-3893

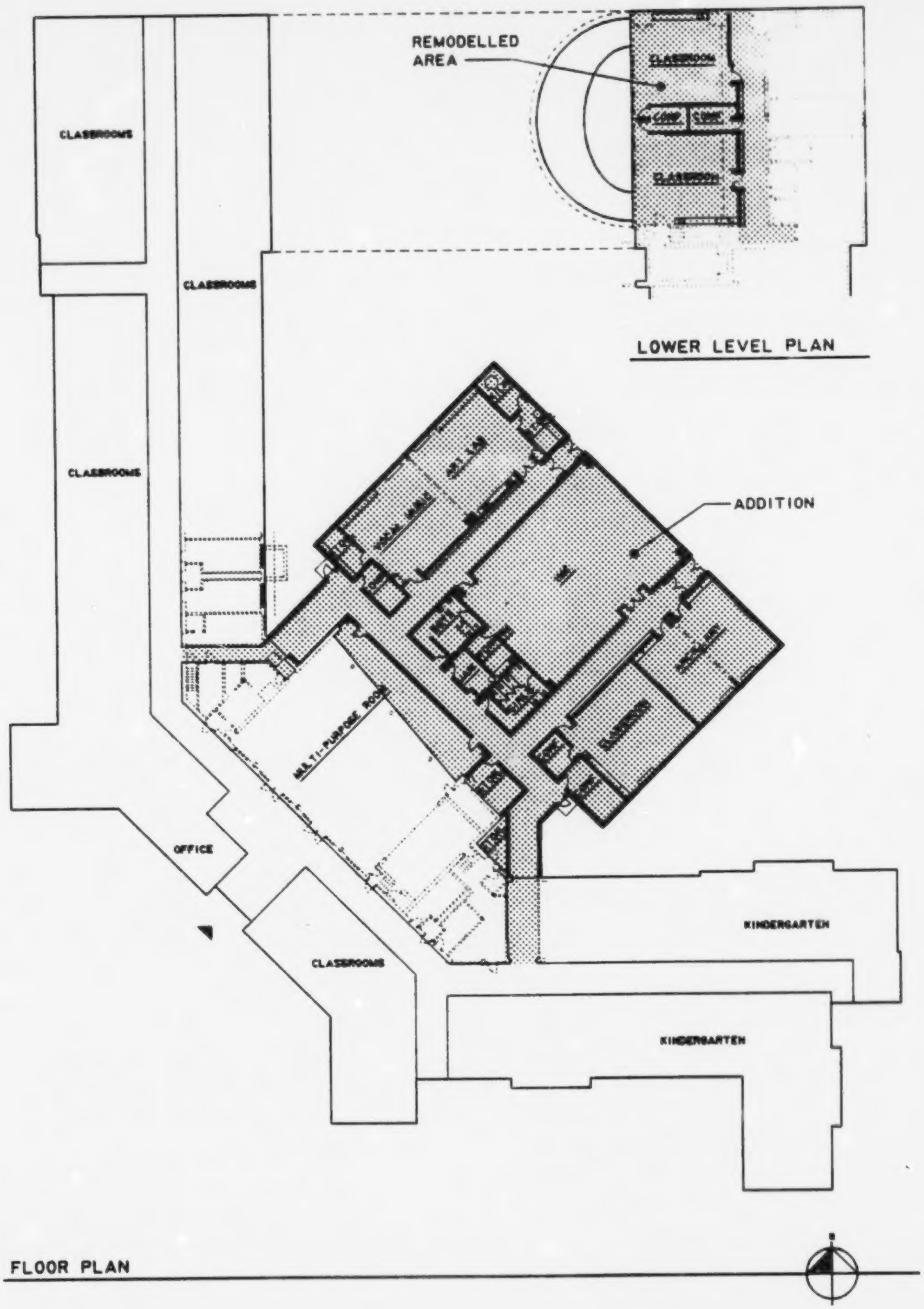
Area: Site:
Building: 27,937 sq. ft.

Cost per Sq. Ft.: $49.54

PROJECT DESCRIPTION: Additions and alterations consisting of a new gymnasium, locker rooms, concession area, 8 classrooms, handicap elevator and stair tower. The existing gymnasium was remodeled into the new Learning Center. Building had consisted of five different levels which were modified into two handicap accessible levels.

FEATURES

Site Development:	New parking area, playground and mound system added. Parent and bus drop off modified to improve safety.
Floors:	Concrete slab-on-grade. Metal bar joist and concrete topping.
Exterior Walls:	Utility face brick, 2" rigid insulation and concrete block.
Interior Walls:	Concrete block corridor walls and classrooms.
Windows:	Fixed and operable metal clad wood windows, double glassed with slimshades.
Roof:	Sloped steel bar joists and metal deck with four inches of rigid e.p.s. insulation and a ballasted single ply membrane.
Floor Finishes:	Vinyl tile in corridors and classrooms. Carpet in Administration Offices and Learning Center. Epoxy in locker rooms. Sheet vinyl in concession area and toilet rooms. Maple wood floors in the gymnasium.
Base:	Vinyl.
Walls:	Painted concrete blocks in all areas except offices. Offices have painted gyp board.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired boilers serve perimeter baseboard heating units. New office areas are air conditioned.
Electrical:	2 x 4 lay in troffer lighting in classrooms; 2 x 2 troffer in commons, 1 x 4 troffer at computer rooms; 2 x 4 florescence lighting in offices; outdoor lighting; emergency generator; telephone; cable television; clock, public address, heat detector; and fire alarm systems.
Special Equipment:	Fire alarm system, smoke and heat detectors, clock and bell system.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LOWER LEVEL PLAN
CLASSROOMS
CLASSROOMS
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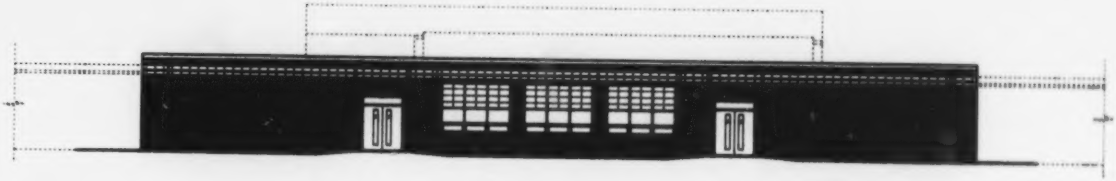
ADDITION
VOCAL MUSIC
ART LAB
GYM
CLASSROOM
MULTI-PURPOSE ROOM
OFFICE
CLASSROOMS
KINDERGARTEN
KINDERGARTEN
FLOOR PLAN

RUST ENVIRONMENT & INFRASTRUCTURE

BENJAMIN FRANKLIN
ELEMENTARY SCHOOL
MANITOWOC, WISCONSIN



NAME OF SCHOOL: Benjamin Franklin Elementary School

GENERAL INFORMATION

Owner: Manitowoc Public School District
John Crubaugh, District Administrator

Date Project Approved by S.D: November, 1991
Date Construction Start: April, 1992
Date Construction Completion: November, 1992

Costs:		
	General:	$485,679.00
	HVAC:	119,860.00
	Plumbing:	49,551.00
	Electrical:	70,084.00
	TOTAL:	**$725,174.00**

Architect: Rust Environment & Infrastructure
(414) 458-8711

General Contractor:	DeCoster Construction
HVAC:	Aldag/Honold Mechanical
Plumbing:	Hein Plumbing
Electrical:	Crafts Electric

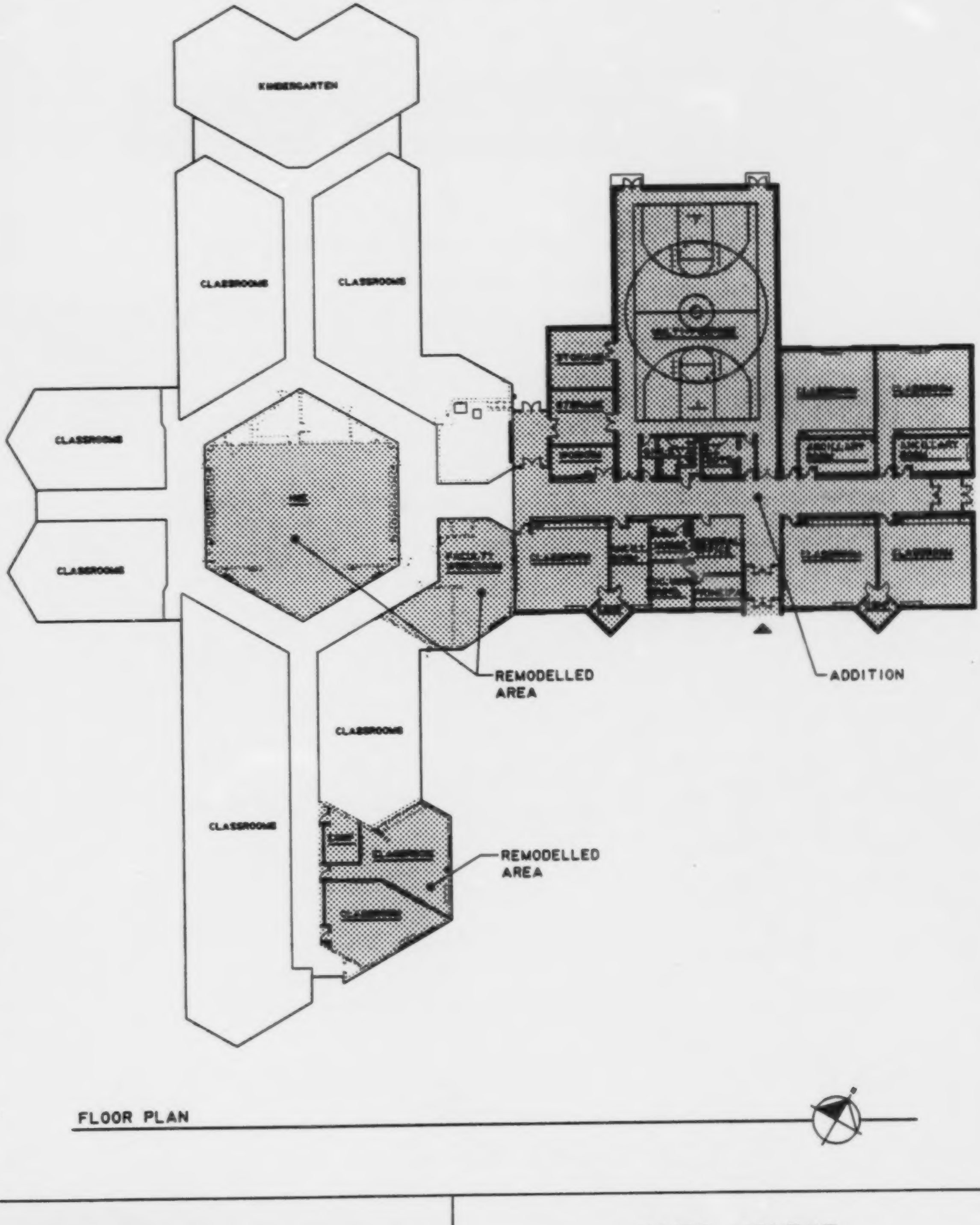
Area: Site: 11.6 acres
Building: 12,840 sq.ft. (addition)
3,350 sq.ft. (remodel)

Cost per Sq. Ft.: $44.79

PROJECT DESCRIPTION: One classroom, two ancillary classrooms, art and music rooms, IMC, conference rooms and restrooms added to existing single-story elementary school. Existing IMC converted to two classrooms and conference rooms.

FEATURES

Site Development:	Clear site and remove unsuitable soil. Regrade and provide new walks.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick, insulation, and concrete block back-up.
Interior Walls:	Concrete block at addition; drywall on metal studs in remodeled areas.
Windows:	Aluminum fixed and hopper units with 1-inch insulating glazing and translucent insulating panels.
Roof:	Steel bar joists and metal deck with rigid insulation and mechanically fastened PVC membrane.
Floor Finishes:	Vinyl composition tile; carpeting in IMC; ceramic tile in vestibules and restrooms.
Base:	Vinyl and ceramic tile.
Walls:	Painted concrete block and drywall.
Ceilings:	2 x 4 lay-in mineral fiber acoustic tile.
HVAC:	Existing boilers serve unit ventilators and convectors in new addition; air handling unit for IMC.
Electrical:	2 x 4 fluorescent lay-in fixtures, fluorescent linear fixtures in IMC, telephone, CATV, computer, clock, bell, PA and fire alarm systems. New transformer.
Special Equipment:	Fire alarm, clock, bell and PA systems.

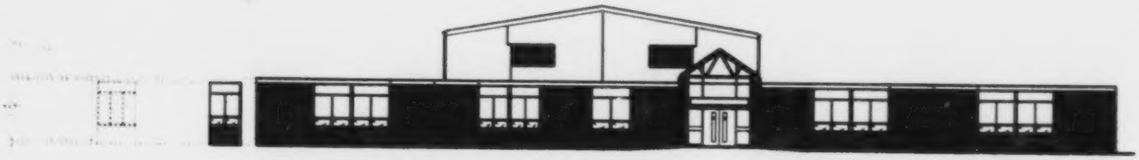


KINDERGARTEN
CLASSROOMS
CLASSROOMS
CLASSROOMS
CLASSROOMS
STORAGE
FACULTY WORKROOM
REMODELLED AREA
ADDITION
CLASSROOMS
CLASSROOMS
REMODELLED AREA

FLOOR PLAN

ENVIRONMENT &
INFRASTRUCTURE

JAMES MONROE
ELEMENTARY SCHOOL
MANITOWOC, WISCONSIN



NAME OF SCHOOL: James Monroe Elementary School

GENERAL INFORMATION

Owner: Manitowoc Public School District
John Crubaugh, District Administrator

Date Project Approved by S.D:	November, 1991
Date Construction Start:	April, 1992
Date Construction Completion:	November, 1992

Costs:	**General:**	$718,411.00
	HVAC:	111,444.00
	Plumbing:	48,348.00
	Electrical:	97,870.00
	TOTAL:	**$976,073.00**

Architect: Rust Environment & Infrastructure
(414) 458-8711

General Contractor:	DeCoster Construction
HVAC:	Paul VanZeeland Heating
Plumbing:	K&K Mechanical
Electrical:	Crafts Electric

Area: Site: 15.5 acres
Building: 17,542 sq.ft. (addition)
5,696 sq.ft. (remodel)

Cost per Sq. Ft.: $42.00

PROJECT DESCRIPTION: Five classrooms, multi-purpose room, conference rooms, main office, restrooms, new entry added to existing single-story elementary school. Existing IMC converted to two classrooms, multi-purpose room to new IMC and main office to faculty workroom.

FEATURES

Site Development:	Clear site and remove existing parking lot; new parking lot for 53 cars and drive.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick, insulation, and concrete block back-up.
Interior Walls:	Concrete block at addition; drywall in remodeled areas.
Windows:	Aluminum fixed and hopper units with 1-inch insulating glazing.
Roof:	Steel bar joists and metal deck with rigid insulation and mechanically fastened PVC membrane.
Floor Finishes:	Vinyl composition tile; carpeting in IMC; ceramic tile in vestibules and restrooms.
Base:	Vinyl and ceramic tile.
Walls:	Painted concrete block and drywall.
Ceilings:	2 x 4 lay-in mineral fiber acoustic tile.
HVAC:	Existing boilers serve unit ventilators and convectors in new addition; air handling unit for multi-purpose room located in mechanical mezzanine.
Electrical:	2 x 4 fluorescent lay-in fixtures, fluorescent linear fixtures in IMC, metal halide in multi-purpose, telephone, CATV, computer, clock, bell, PA and fire alarm systems. New transformers.
Special Equipment:	Fire alarm, clock, bell and PA systems.

No Floor Plan
Provided

NAME OF SCHOOL: MELROSE ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Melrose Mindoro School District

Date Project Approved by S.D: October 15, 1989
Date Construction Start: March 15, 1990
Date Construction Completion: August 15, 1990

Costs:	**Construction:**	$352,900
	Site Work:	36,912
	Equipment:	25,782
	TOTAL:	**$415,594**

Architect: Architectural Environments
(507) 643-6765

Contractor: R. J. Sullivan, Inc.
(608) 784-0040

Area: Site: 22,400 sq. ft.
Building: 6,256 sq. ft.

Cost per Sq. Ft.: $56.61

PROJECT DESCRIPTION: Classroom Addition, One Office, One Electrical Room, Two Restrooms, One Boiler Room, One Classroom, One Science Room, One Special Education Room, and One Early Childhood Room.

FEATURES

Site Development:	Remove existing two story original elementary school, prepare site, and concrete sidewalks
Floors:	Concrete Slab-on-Grade, Precast Concrete Plank and Concrete Topping
Exterior Walls:	Decorative insulated Concrete Block
Interior Walls:	Concrete Block
Windows:	Aluminum operable insulated windows
Roof:	Sloped steel bar joist with standing seam metal roofing The metal roofing extended over existing flat roof areas.
Floor Finishes:	Carpet in the Early Childhood Area, Ceramic Floor in the Restrooms, and Vinyl Composition Tile in remaining classrooms
Base:	Ceramic and Vinyl
Walls:	Painted concrete block Painting includes graphics
Ceilings:	2 x 4 fussured mineral fiber acoustical tile
HVAC:	Existing boiler system with retrofit work to the existing building
Electrical:	2 x 4 layin ceiling lights
Special Equipment:	Chalk and Tackboards, Clocks, Laboratory Casework

No Floor Plan
Provided

NAME OF SCHOOL: MINDORO ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Melrose Mindoro School District

Date Project Approved by S.D: January 17, 1992
Date Construction Start: April 15, 1992
Date Construction Completion: August 8, 1992

Costs:		
	Construction:	$276,240
	Site Work:	3,588
	Equipment:	
	TOTAL:	**$279,828**

Architect: Blackhawk Engineering
(608) 348-4433

Contractor: R. J. Sullivan, Inc.
(608) 784-0040

Area: Site: 14,400 sq. ft.
Building: 5,280 sq. ft.

Cost per Sq. Ft.: $53.00

PROJECT DESCRIPTION: Addition which includes a new IMC, Multi-purpose Room which can be divided to create Two Classrooms, One Classroom, Two Restrooms, and a Janitors Closet

FEATURES

Site Development: Regrading of the existing parking lot and new sidewalks

Floors: Concrete Slab-on-Grade

Exterior Walls: 8" Concrete Block, 2" Rigid Insulation, and Brick Exterior Finish (composite wall)

Interior Walls: 8" and 12" concrete block

Windows: Aluminum insulated slide-by thermal break windows

Roof: Pre-Engineered Metal Building Structure with standing seam roofing and mansards. The standard seam roofing extended over existing flat roof areas.

Floor Finishes: Carpet in the IMC, ceramic tile at the restrooms, and VCT at the Multi-Purpose Room, Classroom, and corridors

Base: Ceramic and Vinyl

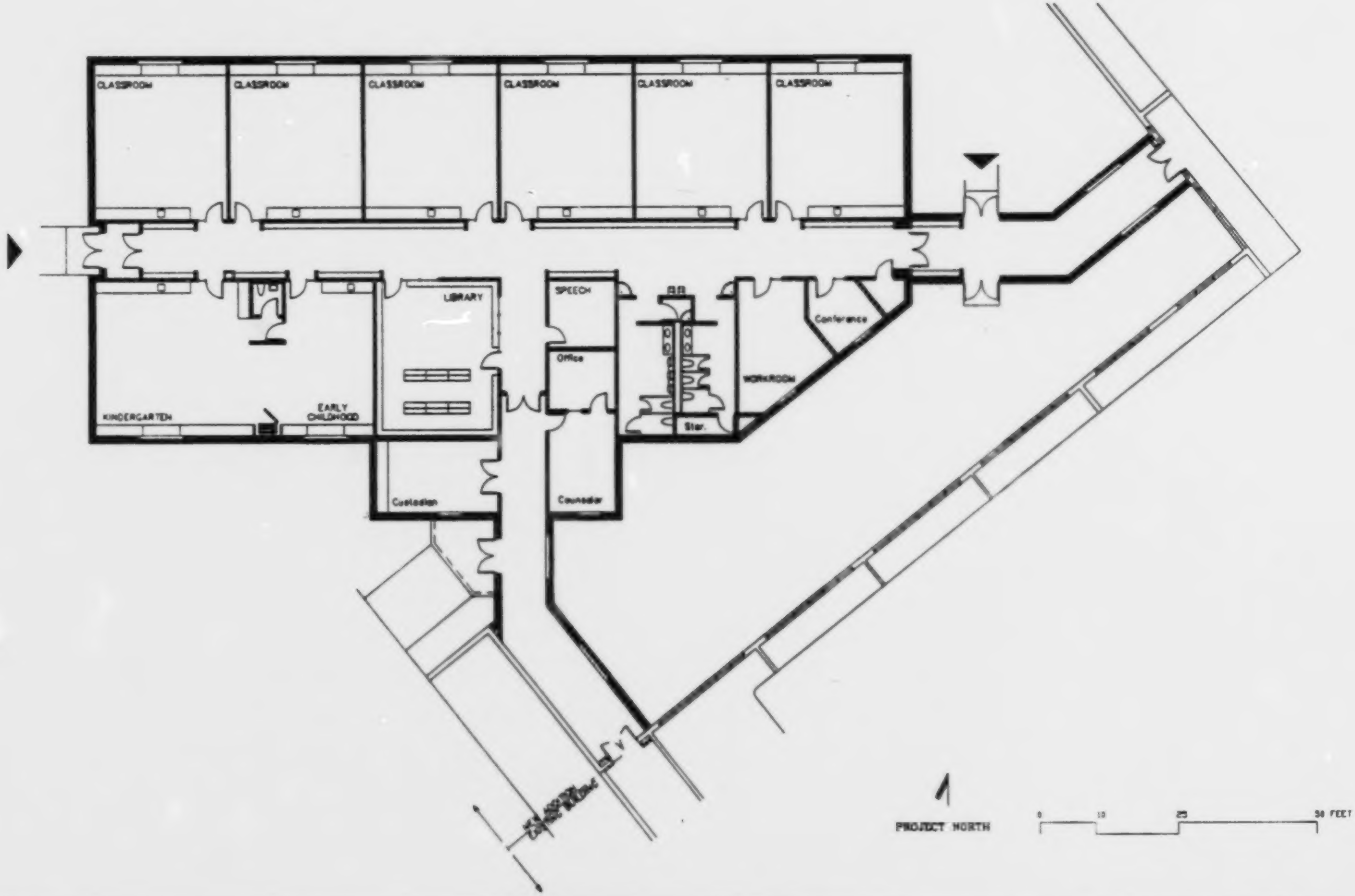
Walls: Painted

Ceilings: 2 x 4 fussured mineral fiber acoustical tile

HVAC: Existing Boiler System

Electrical: 2 x 4 layin ceiling lighting

Special Equipment: Clocks and Intercom System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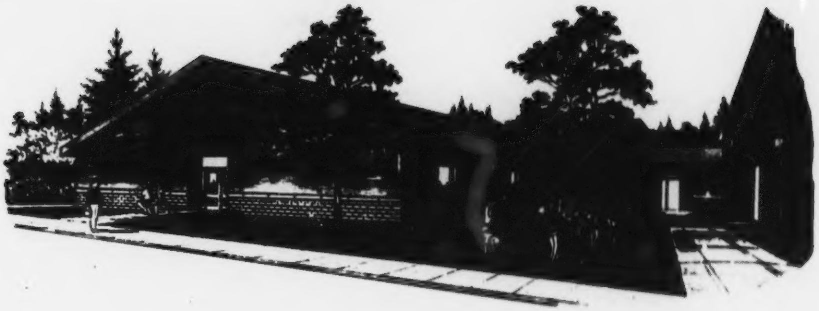
FLOOR PLAN

ELEMENTARY ADDITION
SCHOOL DISTRICT OF MERCER
MERCER, WISCONSIN

Seymour Davis Seymour



NAME OF SCHOOL: MERCER ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner:
Mercer Area School District
Jack English, District Administrator

Date Project Approved by S.D: August 1991
Date Construction Start: August 1991
Date Construction Completion: March 1992

Costs:	**Construction:**	$427,750
	Equipment:	$281,823
	TOTAL:	$709,573

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Contractor: Wayne Nasi Construction
(715) 561-5153

Area: **Site:** .5 acres
Building: 12,000
Cost per Sq. Ft: $59.00

PROJECT DESCRIPTION: Addition to K-12 building including seven K-6 classrooms, library, early childhood room and counceling area. Project is considered an addition to the existing K-12 facility, but is actually linked by 30 ft corridors in two locations.

FEATURES

Site Development: Simple grading of site.

Floors: Slab on grade.

Exterior Walls: Concrete block with face brick.

Interior Walls: Painted concrete block.

Windows: Wood casement.

Roof: Wood truss system with gabled roof and fiberglass shingles.

Floor Finishes: Resilient flooring in cooridors and classrooms, carpet in classrooms also.

Base: Vinyl.

Walls: Painted concrete block.

Ceilings: 2 x 4 lay-in ceiling tile.

HVAC: Addition is services by existing boiler. Added unit ventilators.

Electrical: Service was expanded from existing.

Special Equipment: Early childhood classroom. Courtyard as a learning center. Addition separates elementary from high school.

No Floor Plan
Provided

PARKLAWN ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Oconomowoc Area School District
John Graves, District Administrator

Date Project Approved by S.D: June 1993
Date Construction Start: July 1993
Date Construction Completion: September 1993

Costs:	**Construction:**	144,000
	Site Work:	
	Equipment:	26,000
	TOTAL:	$170,000

Architect: Slater Assoc. Inc.
(414) 542-7600

Contractor: Slater Assoc. Inc.
(414) 798-1000

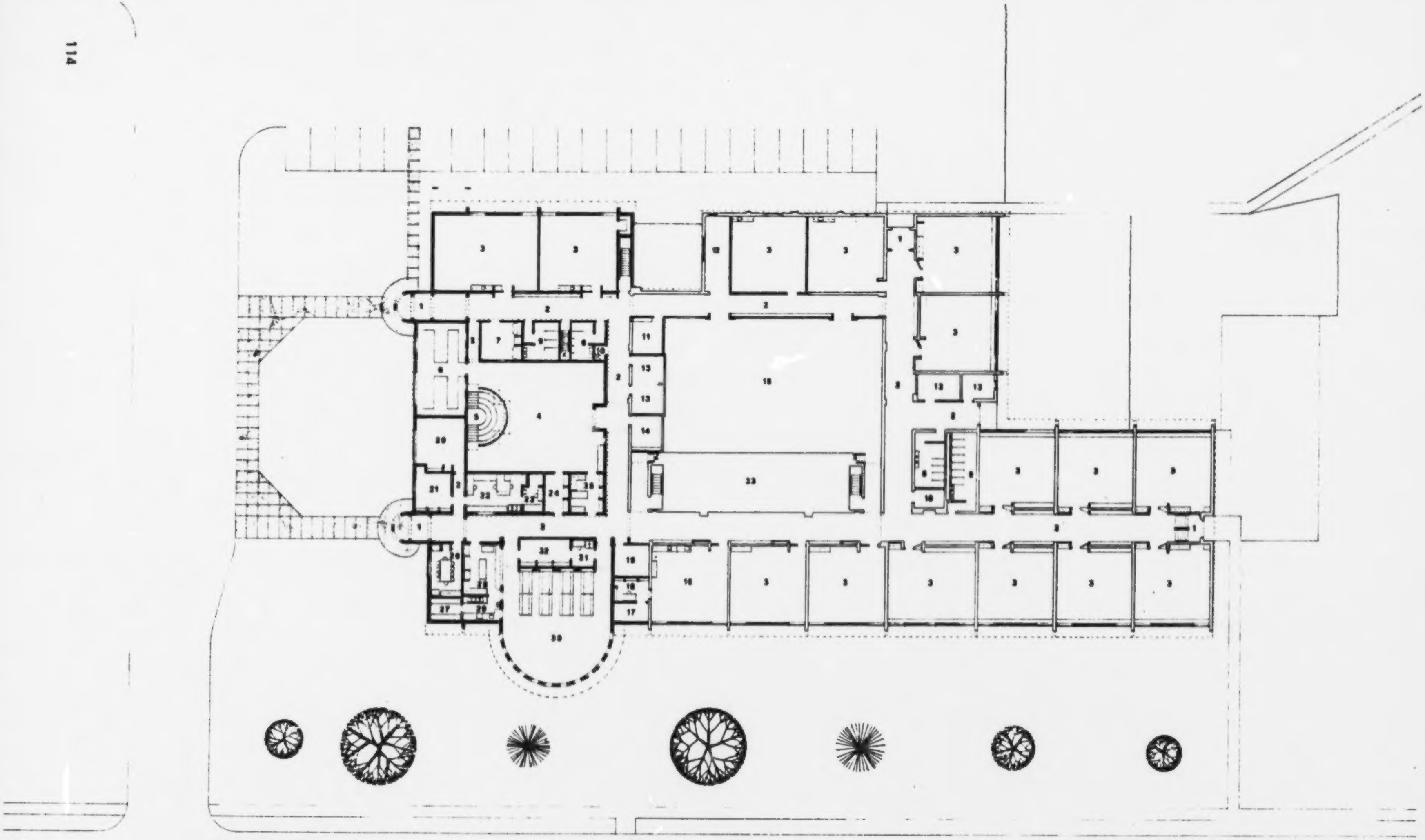
Area: Site:
Building: 2,500 SF

Cost per Sq. Ft.: $65.00
(including all eqpt. and arch. fees)

PROJECT DESCRIPTION: Building addition of three classrooms and computer center for 30 students. Project expedited to avoid use of portable classrooms.

FEATURES

Site Development:	n/a
Floors:	Carpet over slab on grade concrete.
Exterior Walls:	Architectural masonry.
Interior Walls:.	Steel studs and gypsum.
Windows:	Bronze tinted 1" insulated aluminum operable windows.
Roof:	Steel joist with EPDM membrane.
Floor Finishes:	Carpet, vinyl tile.
Base:	Vinyl.
Walls:	Painted.
Ceilings:	2 x 4 acoustical tile.
HVAC:	Fully air conditioned.
Electrical:	2 x 4 recessed fluorescent fixtures.
Special Equipment:	Operable folding wall, chalk boards and tack boards, fire protection system, sound system.



FLOOR PLAN

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ORFORDVILLE ELEMENTARY SCHOOL

ROOM NAME	NUMBER DESIGNATION				
VESTIBULE	1	PHY. ED. STORAGE	12	NURSE	23
CORRIDOR	2	CONFERRENCE	13	A.V.	24
CLASSROOM	3	L.D.	14	WORK RM.	25
I.M.C.	4	GYMNASIUM	15	TEACHER'S LOUNGE	26
STORY NOOK	5	ART	16	KITCHEN STORAGE	27
COMPUTER RM.	6	KILN	17	KITCHEN	28
O.T./ P.T.	7	ART STORAGE	18	DISHWASH	29
BOYS	8	SPEC. ED.	19	MULTI-PURPOSE	30
GIRLS	9	SUPERINTENDENT	20	MUSIC	31
JANITOR	10	PRINCIPAL	21	MUSIC STORAGE	32
SPEECH/ LANGUAGE	11	GEN. OFFICE	22	BLEACHERS	33

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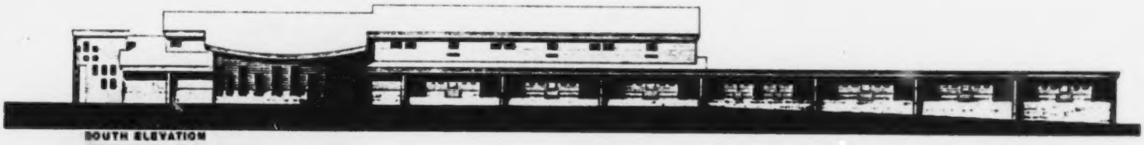


SOUTH ELEVATION
ORFORDVILLE ELEMENTARY SCHOOL

ORFORDVILLE ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Parkview School District
David Romstad, District Administrator

Date Project Approved by S.D: November 1, 1989
Date Construction Start: April 23, 1990
Date Construction Completion: August 15, 1990

Costs:
Construction:
Site Work:
Equipment:
TOTAL: $1,212,000

Architect: R.C. Shutter, Inc.
(608) 829-3966

Contractor: Joe Daniels Const.
(608) 271-4800

Area: Site:
Building: 44,200 SF
(new and existing)

Cost per Sq. Ft.: $57.00
(new only)

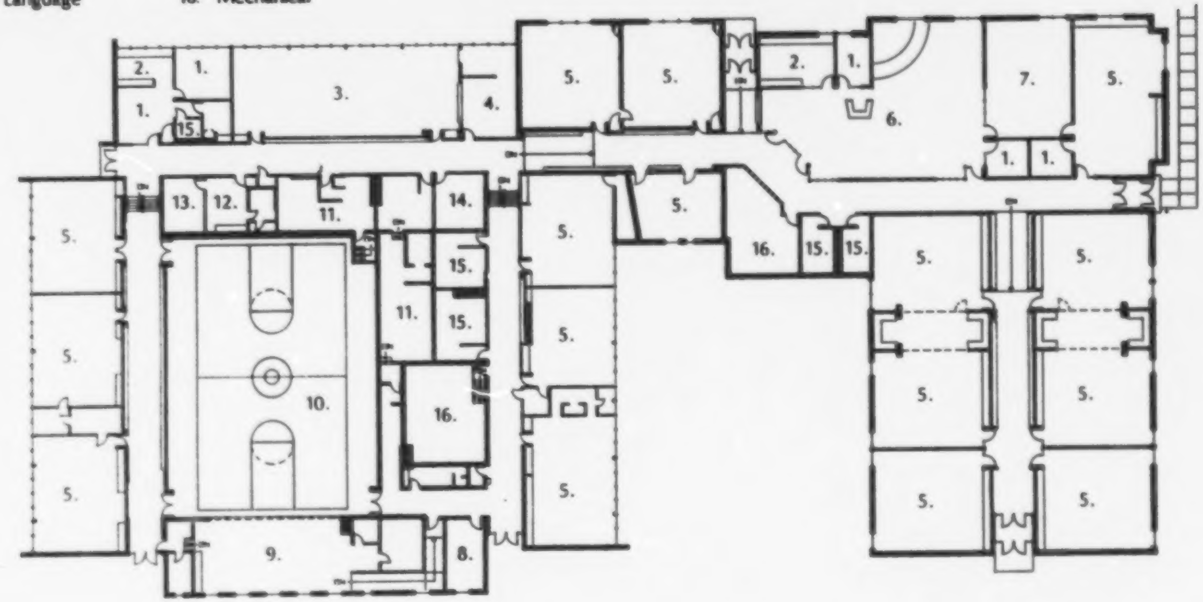
PROJECT DESCRIPTION: New 13,495 square foot addition with 3,800 square foot remodeling. Addition consists of new kindergarten room, IMC, cafeteria/music room, music office, administrative offices, kitchen, art room. Existing high school gym remodeled into two classrooms, corridor, guidance office, retaining elementary school size gym. Complete window replacement and upgrade of existing mechanical equipment.

FEATURES

Site Development:	Removal of existing structure.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation and concrete block.
Interior Walls:.	Concrete block corridor walls and classrooms.
Windows:	Fixed and operable aluminum windows, with insulated glass.
Roof:	Sloped steel bar joists and metal deck with 3" rigid insulation and a ballasted single ply membrane.
Floor Finishes:	Quarry tile in kitchen; ceramic time in toilet rooms; resilient tile in corridors, classrooms and cafeteria/multipurpose room; carpet in IMC, computer room administrative offices, etc.
Base:	Quarry tile, ceramic tile and vinyl.
Walls:	Painted concrete blocks in all spaces.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	High-efficiency hot water boilers. Forced air heating with hot water reheat. Replaced existing boilers. Overhauled unit ventilators. Replaced gymnasium HVAC system.
Electrical:	2 x 4 lay in troffer lighting in all spaces; outdoor lighting emergency generator; telephone; clock, public address and fire alarm systems; new electric service.
Special Equipment:	Fire alarm, clock and bell systems.

Index:

1. Administration / Office
2. Work Area
3. Cafeteria
4. Kitchen
5. Classroom
6. LMC
7. Computers
8. Speech / Language
9. Music
10. Gymnasium
11. Lockers
12. Faculty Workroom
13. Faculty Lounge
14. Kitchen Storage
15. Restroom
16. Mechanical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Pecatonica Area Elementary School

Hollandale, Wisconsin

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© 1993

Pecatonica Elementary School Addition and Remodeling

Owner: Pecatonica School District
Nancy Hendrickson, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: October 1990
Date Construction Start: May, 1991
Date Construction Completion: October, 1991

Contractor: Tri-North Builders

Construction Cost: $1,060,000

Building Area: 15,000 sq. ft. addition
4,000 sq. ft. remodel
Cost/Sq. Ft.: $55.78

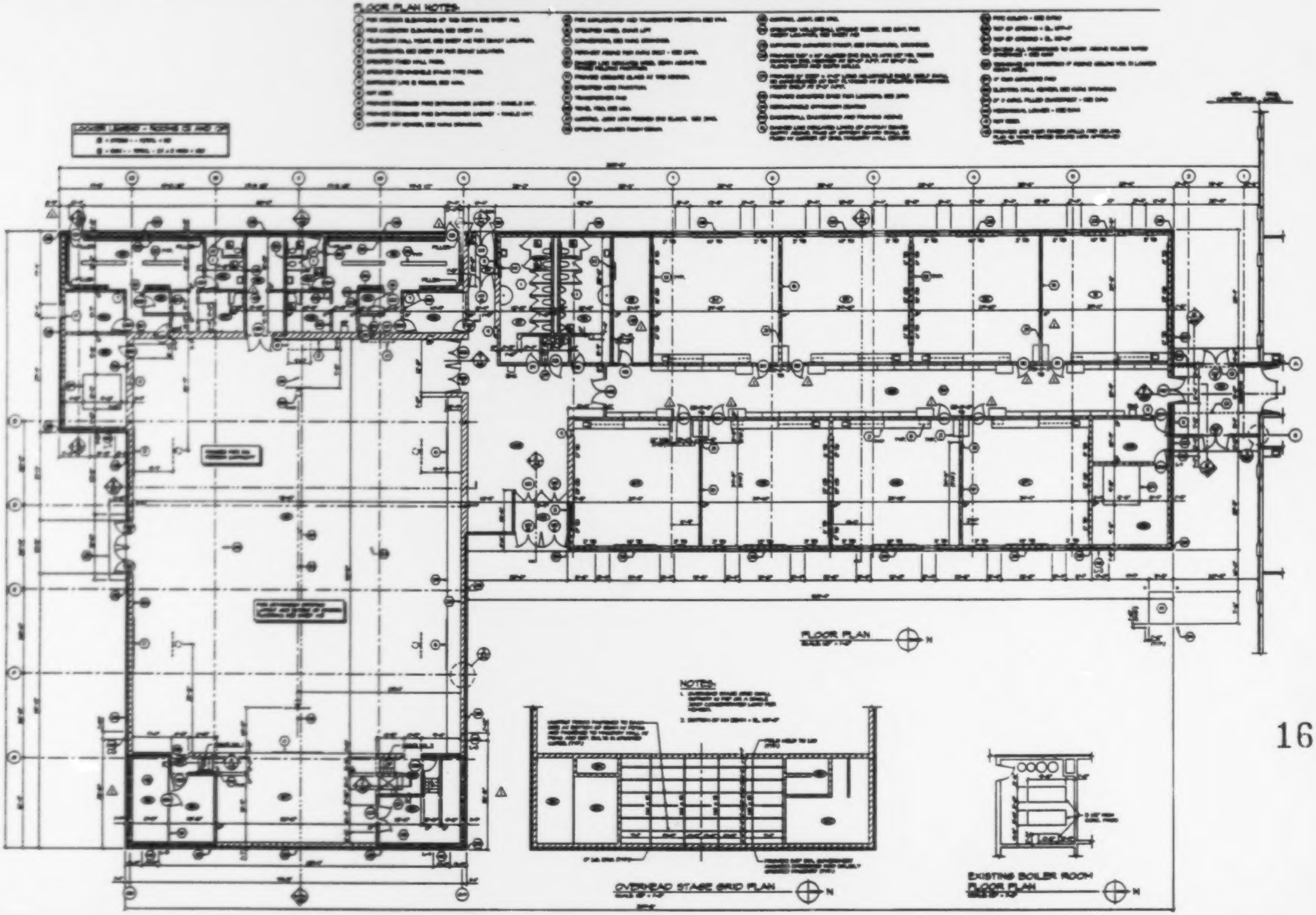
Project Description: This project converted the existing K-4 school to a K-6 facility accommodating 300 students. The project included 7 classrooms, a new IMC with support spaces, and a new computer lab. It also included extensive remodeling in the kitchen and administrative offices, converting two classrooms into a cafeteria and remodeling the old LMC into a new music room and stage. As part of this project we re-routed the traffic flow and bus drop off areas, and added a new parking lot to improve the safety for the students.

Features

Site Development:	30 car parking, playground
Floors	Concrete slab-on-grade
Exterior Walls:	Brick and rigid insulation with concrete block backup
Interior Walls:	Concrete block
Windows	Fixed and operable metal clad wood windows with blinds
Roof:	Shingles on wood truss structure
Floor Finishes:	Carpet, vinyl composition tile
Base:	Glazed CMU
Walls:	Paint CMU and glazed CMU
Ceilings:	2 x 4 lay-in tile
HVAC:	Forced air
Electrical:	2 x 4 lay-in troffer. Parabolic in computr room.

ADDITION TO ELEMENTARY LEARNING CENTER FOR
PESHTIGO SCHOOL DISTRICT

SOMERVILLE ASSOCIATES


FLOOR PLAN NOTES:
FLOOR PLAN
NOTES:
OVERHEAD STAGE GRID PLAN
EXISTING BOILER ROOM FLOOR PLAN

NAME OF SCHOOL: Addition to Peshtigo Elementary School
Peshtigo, Wisconsin

GENERAL INFORMATION

Owner: Peshtigo School District
George Fox, Administrator

Architect: Somerville Associates, Inc.
(414) 437-8136

Date Construction Start: 05/06/91
Date Construction Compl.: 08/27/93 classrooms
Date Construction Compl.: 10/01/93 gymnasium

Contractor: J.C. Basten Constr. Co.
(414) 435-1125

Building Area: 25,790 sq. ft.

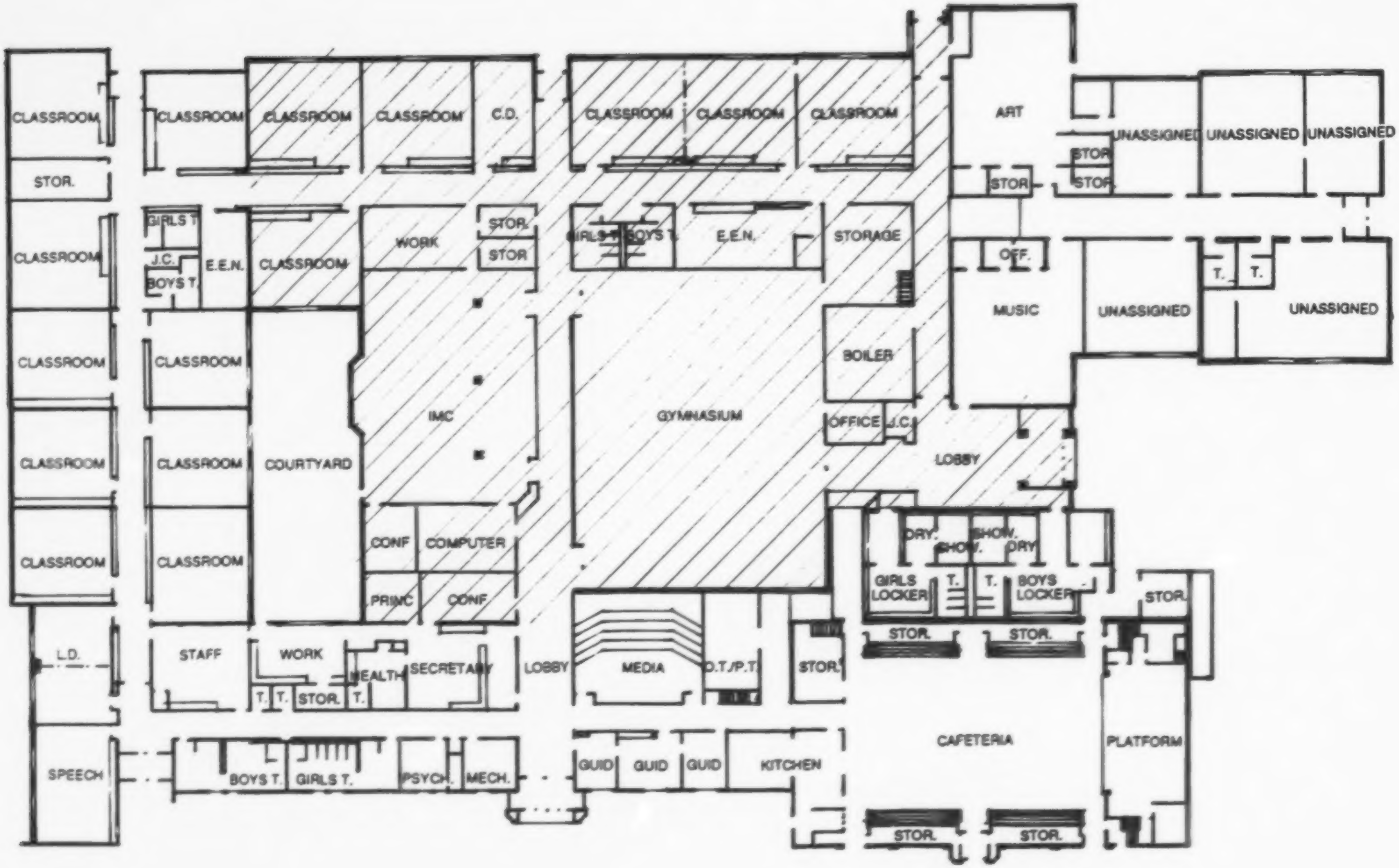
Costs:		
	Construction:	$
	Site Work:	$
	Equipment:	$
	TOTAL:	$1,769,177

Cost per Sq. Ft.: $68.60

PROJECT DESCRIPTION: One-story elementary school addition which included 8 classrooms and a gymnasium all on a pile supported foundation system.

FEATURES

Site Development:	Much of the site is wetlands; additional hard playground, football practice field, softball diamond.
Floors:	Concrete pile-supported slab.
Exterior Walls:	Masonry.
Interior Walls:	CMU and drywall.
Windows:	Thermal break bronze anodized aluminum hoppers.
Roof:	Structural standing seam steel.
Floor Finishes:	Carpet, hard tile, resilient tile, maple gym floor.
Base:	Quarry tile, vinyl, ceramic tile.
Walls:	Painted CMU.
Ceilings:	Acoustical tile, painted drywall.
HVAC:	Gas-fired boiler with unit ventilator.
Electrical:	2x4 lay-in troffers.
Special Equipment:	Fire alarm system and clock system.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Grand Avenue Elementary School

Prairie du Sac, Wisconsin

Bray
Associates
Architects

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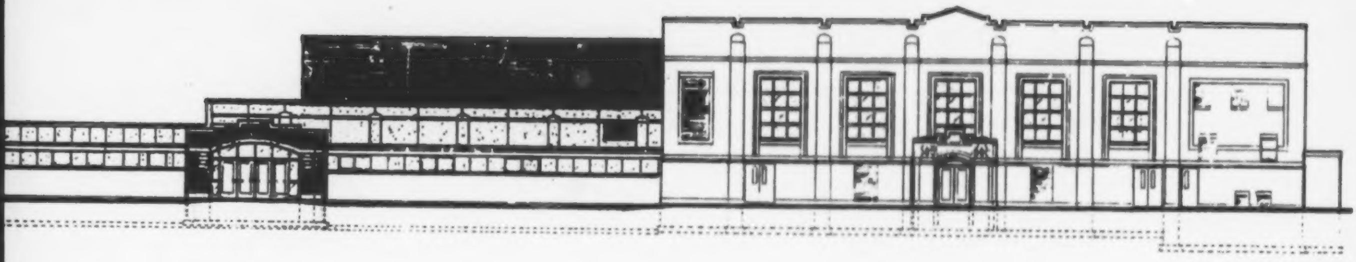


NAME OF SCHOOL: GRAND AVENUE ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Sauk Prairie School District
Dr. Richard W. Magnuson, District Administrator

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D: Spring 1992
Date Construction Start: March 5, 1992
Date Construction Completion: October 15, 1992

Contractor: Kraemer Brothers, Inc.
(608) 546-2411

Costs:

Construction:	$2,433,330
Site Work:	$200,000
Equipment:	$250,000
TOTAL:	$2,883,330

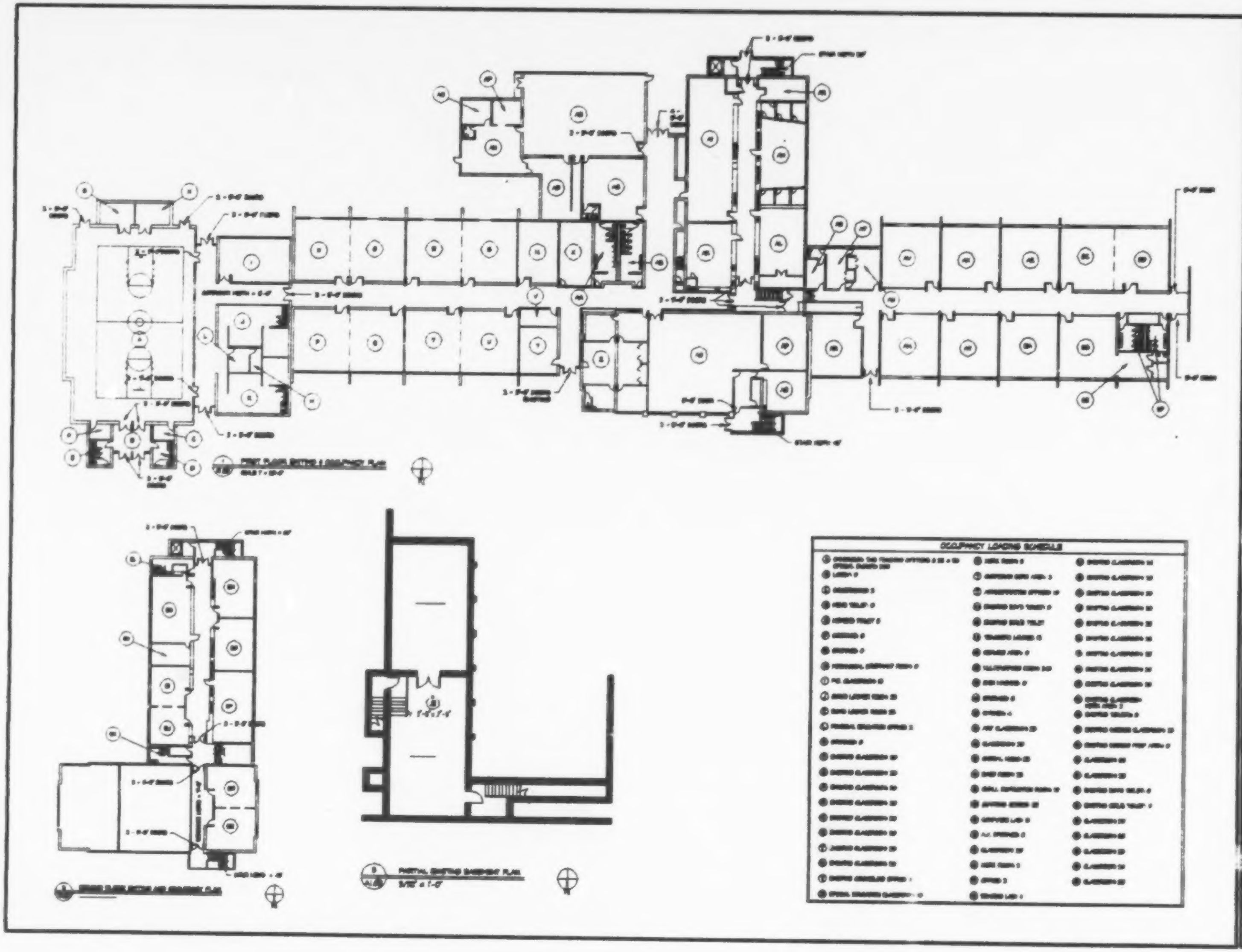
Area: 32, 500 SF New
28,652 SF Remodel

Cost per Sq. Ft.: $48.05

PROJECT DESCRIPTION: An addition to the Elementary School which includes 9 classrooms, conference rooms, an IMC, computer lab, full size gymnasium, and boiler room. Five additional classrooms were saved in the former annex which can be remodeled in the near future.

FEATURES

Site Development:	Expansion of the existing school and connection to an existing annex.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired boilers serve perimeter radiation and heating coils in duct work. Office and IMC areas are air conditioned.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


OCCUPANCY LOADING SCHEDULE
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TACITUS W. BOND
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CASTLAND COMPANY

ADDITIONS AND
RENOVATIONS

SHARON COMMUNITY
SCHOOL

SHARON COMMUNITY
SCHOOL JOINT DIST. 11

DOROTHY J. KAUFMANN

9015

SHEET NUMBER

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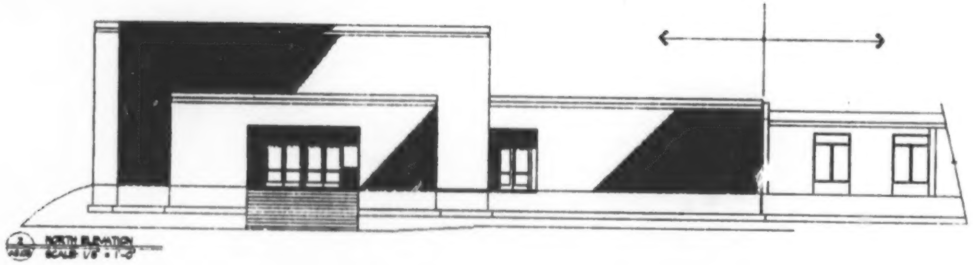

NAME OF SCHOOL: SHARON COMMUNITY SCHOOL

GENERAL INFORMATION

Owner: Sharon Community School
Ms. Dorothy Kaufmann, District Administrator

Date Project Approved by S.D: June 22, 1992
Date Construction Start: June 28, 1992
Date Construction Completion: January 3, 1993

Costs:		
	Construction:	$1,640,000.00
	Site Work:	
	Equipment:	
	TOTAL:	**$1,640,000.00**

Architect: Tacitus W. Bond, Architect
(414) 736-9596

Contractor: J. P. Cullen & Sons
(608) 754-6601

Area: Site:
Building: 29,772 sq. ft.

Cost per Sq. Ft.: $55.09

PROJECT DESCRIPTION: Additions and alterations consisting of a new gymnasium, locker rooms, health room, cafeteria and stair tower. The existing gymnasium was remodeled into the new Learning Center. Previously unusable space was reclaimed for classrooms.

FEATURES

Site Development:	New parking area added. Parent and bus drop off modified to improve safety.
Floors:	Concrete slab-on-grade. Metal bar joist and concrete topping.
Exterior Walls:	Utility face brick, 2" rigid insulation and concrete block.
Interior Walls:	Concrete block corridor walls and classrooms.
Windows:	Fixed and operable metal clad wood windows, double glassed with slimshades.
Roof:	Sloped steel bar joists and metal deck with four inches of rigid e.p.s. insulation and a ballasted single ply membrane.
Floor Finishes:	Vinyl tile in corridors, cafeteria and classrooms Epoxy in locker rooms, kitchen and toilet rooms. Maple wood floors in the gymnasium and Learning Center.
Base:	Vinyl.
Walls:	Painted concrete blocks in all areas except offices. Offices have fabric wall covering.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired boilers serve perimeter baseboard heating units. New office areas are air conditioned.
Electrical:	2 x 4 lay in troffer lighting in classrooms; 2 x 2 troffer in commons, 1 x 4 troffer at computer rooms; 2 x 4 florescence lighting in offices; outdoor lighting; emergency generator; telephone; cable television; clock, public address, heat detector; and fire alarm systems.
Special Equipment:	Fire alarm system, smoke and heat detectors, clock and bell system.

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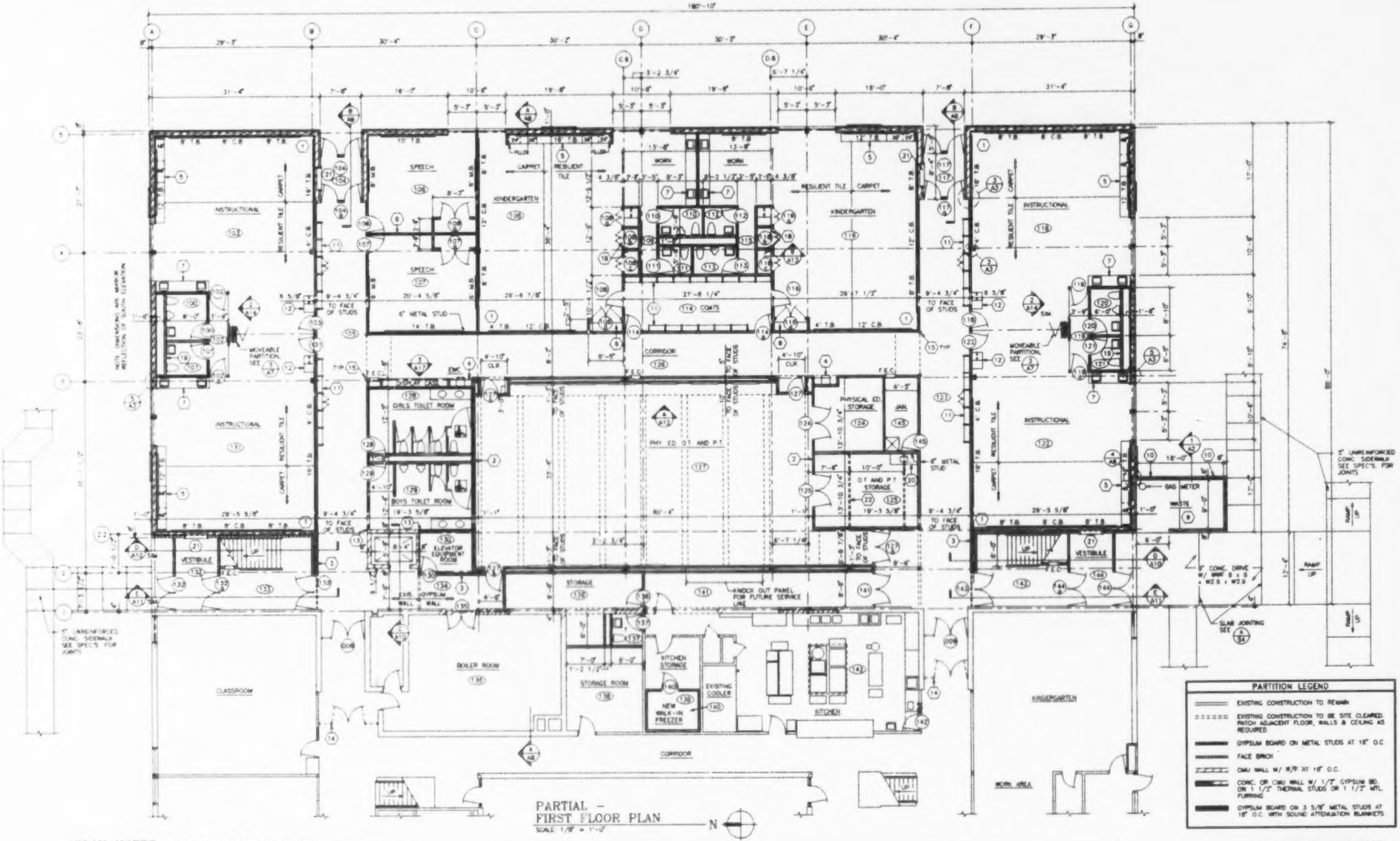
A 4	SHEET	PROJECT 3801	DATE 3/22/91	REVISION/ISSUE REVISED FLOOR PLAN REVISED FOR ADDENDUM NO. 2 ISSUED RECORD DRAWINGS	DATE 5/14/91 9/5/91 11/8/92

11/18/90

ADDITION AND REMODELING TO OLGA BRENNER SCHOOL:
SHAWANO–GRESHAM SCHOOLS
SHAWANO, WISCONSIN

SOMERVILLE ASSOCIATES
ARCHITECTS ENGINEERS
GREEN BAY, WISCONSIN 54301 (414) 437-8136


180'-10"
A
B
C
D
E
F
G
INSTRUCTIONAL 103
SPEECH 106
SPEECH 107
KINDERGARTEN 109
WORK
KINDERGARTEN 116
INSTRUCTIONAL 118
COATS 114
CORRIDOR 126
GIRLS TOILET ROOM
BOYS TOILET ROOM 129
PHY. ED. O.T. AND P.T. 127
PHYSICAL ED. STORAGE 124
JAN. 145
O.T. AND P.T. STORAGE 125
INSTRUCTIONAL 131
INSTRUCTIONAL 122
MOVEABLE PARTITION
VESTIBULE 132
ELEVATOR EQUIPMENT ROOM
STORAGE 138
KNOCK OUT PANEL FOR FUTURE SERVICE LINE
GAS METER
WASTE
VESTIBULE
BOILER ROOM 135
CLASSROOM
STORAGE ROOM 139
KITCHEN STORAGE
NEW WALK-IN FREEZER
EXISTING COOLER
KITCHEN
KINDERGARTEN
CORRIDOR
WORK AREA
5" UNREINFORCED CONC. SIDEWALK SEE SPEC'S FOR JOINTS
SLAB JOINTING SEE
RAMP UP

PARTITION LEGEND

═══	EXISTING CONSTRUCTION TO REMAIN
┅┅┅	EXISTING CONSTRUCTION TO BE SITE CLEARED. PATCH ADJACENT FLOOR, WALLS & CEILING AS REQUIRED.
▬	GYPSUM BOARD ON METAL STUDS AT 16" O.C.
▬	FACE BRICK
▨	CMU WALL W/ R/F AT 16" O.C.
▬	CONC. OR CMU WALL W/ 1/2" GYPSUM BD. ON 1 1/2" THERMAL STUDS OR 1 1/2" MTL. FURRING
▬	GYPSUM BOARD ON 3 5/8" METAL STUDS AT 16" O.C. WITH SOUND ATTENUATION BLANKETS

PARTIAL – FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

N

PLAN NOTES (FOR GENERAL NOTES SEE SHEET SHEET A3.)

1. PLYWOOD EACH WALL. SEE 1/A17
2. 1/2" GYPSUM BOARD OVER 1/2" PLYWOOD OVER 6" METAL STUDS AT NORTH WALL AND 3 5/8" METAL STUDS AT SOUTH WALL.
3. DASHED LINE INDICATES ONE HOUR FIRE RATED CONSTRUCTION.
4. DRINKING FOUNTAIN NICHE. SEE 3/A18
5. UNIT VENTILATOR – SEE HVAC DRAWINGS FOR DESCRIPTION FOR ELEVATIONS
6. (4)–18" DEEP ADJUSTABLE SHELVES. FIRST SHELF AT 3'-0" A.F.F.
7. CASEWORK. SEE A/A19
8. TRANSPARENT MIRROR. SEE 1/A7 VISION IS FROM ROOM 107 TO 106.
9. PITCH SLAB TO SCUPPERS AT EAST WALL.
10. PROVIDE SCUPPER AT SLAB LEVEL.
11. COAT RACK AND CABINET. SEE SHEET A17 FOR ELEVATION.
12. TEACHERS CLOSET. SEE SHEET A17 FOR ELEVATION.
13. FACE OF METAL STUDS AND FACE OF CMU TO ALIGN.
14. SITE CLEAR EXISTING DOOR AND FRAME – PATCH TO MATCH EXISTING.
15. SPECIFIED CORNER GUARD SHOWN THUS.
16. NOT USED.
17. NOT USED.
18. (4)–FULL DEPTH ADJUSTABLE SHELVES, FIRST SHELF AT 3'-0" A.F.F.
19. VENT CHASE PER HVAC DRAWINGS.
20. 5'-0" LONG COUNTER TOP WITH SINK. SEE 1/A20
21. GENERAL CONTRACTOR TO PROVIDE RECESS FOR CABINET UNIT HEATER. SEE MECHANICAL DRAWINGS.
22. PIPE AT CEILING. SEE 6/A17

THIS RECORD DRAWING HAS BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY OTHERS. THE ARCHITECT/ENGINEER WILL NOT BE RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.

NAME OF SCHOOL: Addition to Olga Brener Elementary School
Shawano, Wisconsin

GENERAL INFORMATION

Owner: Shawano-Gresham School District
Frederick J. Davel, Administrator

Date Project Approved by S.D.:
Date Construction Start: 05/06/91
Date Construction Completion: 02/21/92

Costs:	**Construction:**	$
	Site Work:	$
	Equipment:	$
	TOTAL:	$1,568,636

Architect: Somerville Associates, Inc.
(414) 437-8136

Contractor: Czech Construction Inc.
(414) 499-3444

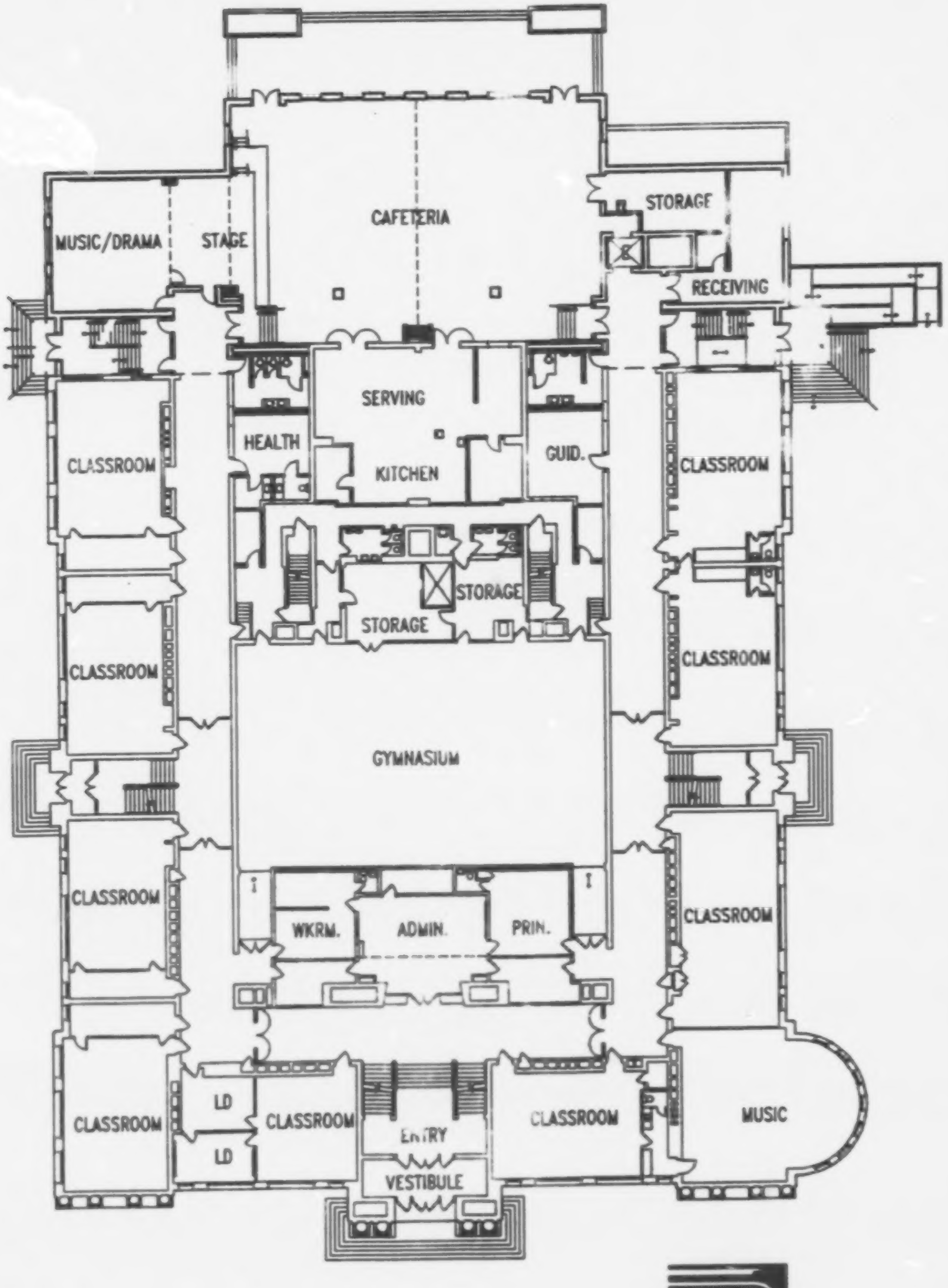
Area: Building: 31,826 sq. ft.

Cost per Sq. Ft.: $49.30

PROJECT DESCRIPTION: Two-story elementary school addition which included 16 classrooms, multipurpose space, cafeteria, Kindergarten and special education rooms.

FEATURES

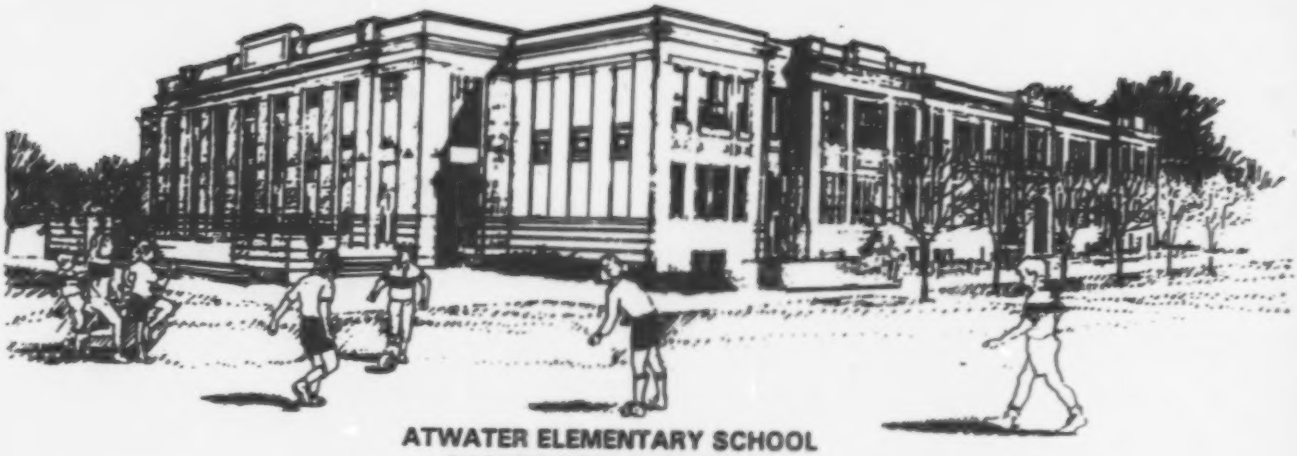
Site Development:	Flat site; playground area.
Floors:	Concrete slab-on-grade first floor, concrete, metal deck, steel joists at second floor.
Exterior Walls:	Brick and CMU.
Interior Walls:	Metal studs, veneer plaster.
Windows:	Aluminum hopper.
Roof:	Ballasted EPDM.
Floor Finishes:	Terrazzo, ceramic tile, carpet, resilient.
Base:	Ceramic tile, resilient.
Walls:	Paint and wall coverings.
Ceilings:	Acoustical
HVAC:	Gas-fired boiler with unit ventilator.
Electrical:	2x4 lay-in troffers, battery pack emergency.
Special Equipment:	Fire alarm system and clock system.


MUSIC/DRAMA
STAGE
CAFETERIA
STORAGE
RECEIVING
SERVING
HEALTH
KITCHEN
GUID.
CLASSROOM
CLASSROOM
STORAGE
STORAGE
CLASSROOM
CLASSROOM
GYMNASIUM
CLASSROOM
CLASSROOM
WKRM.
ADMIN.
PRIN.
CLASSROOM
LD
LD
CLASSROOM
ENTRY
VESTIBULE
CLASSROOM
MUSIC

FIRST FLOOR PLAN

ATWATER ELEMENTARY SCHOOL

EPPSTEIN·KELLER·UHEN
ARCHITECT



ATWATER ELEMENTARY SCHOOL
SHOREWOOD, WISCONSIN
GENERAL INFORMATION

Owner: School District of Shorewood
Jack Linihan, Superintendent

Date Project Approved by S.D.: December, 1991
Date Construction Start: July, 1992
Date Construction Completion: August, 1993

Costs:	Construction:	$2,848,000.00
	Site Work:	150,000.00
	Equipment:	169,000.00
	TOTAL:	$3,167,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Contractor: Hunzinger Construction Co.
(414)797-0797

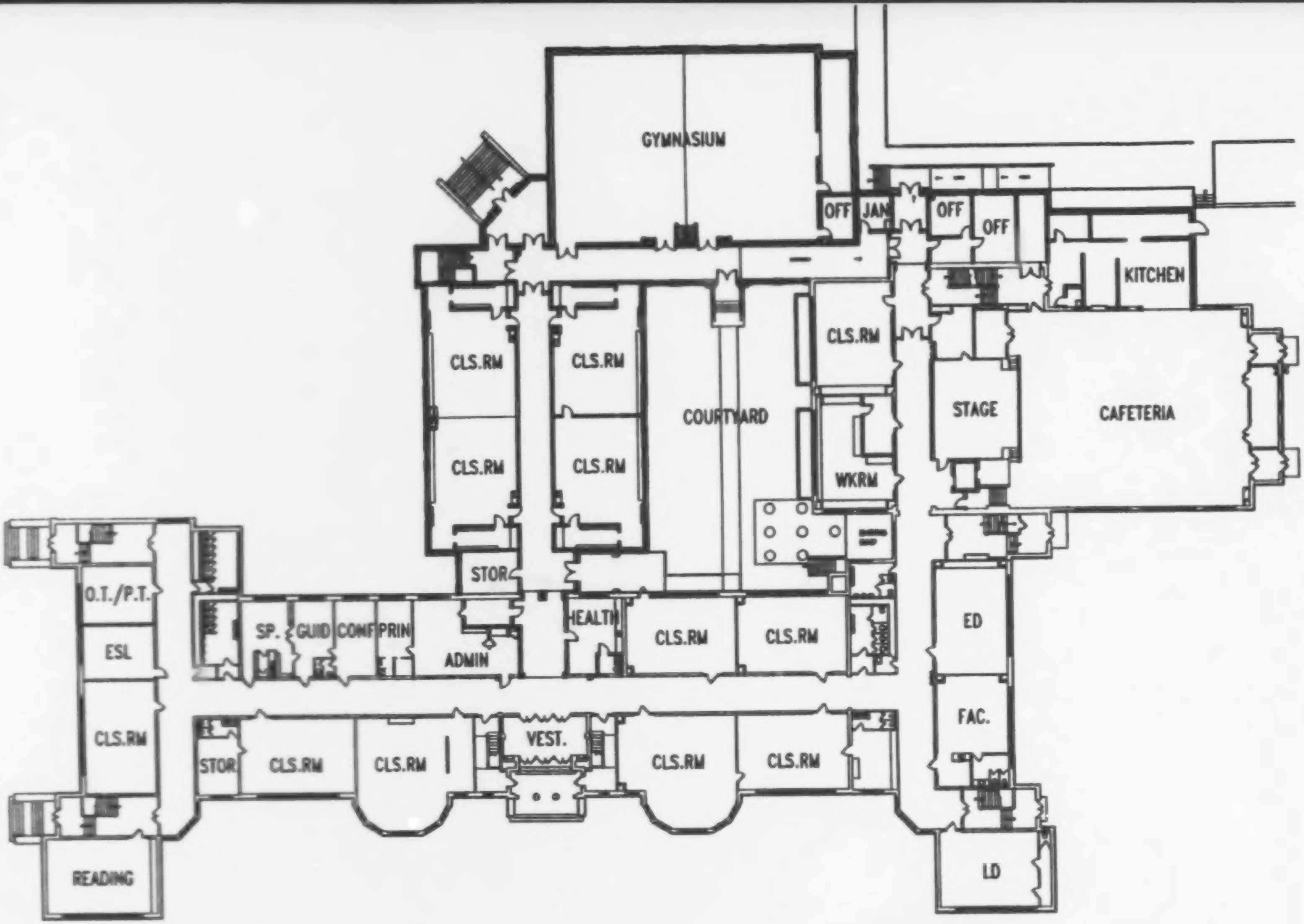
Area:	Site:	7.5 Acres
	Building:	37,576 s.f.

Cost per Sq. Ft.: $84.28

PROJECT DESCRIPTION: Renovation and addition to an existing Elementary School to relieve overcrowding. Addition includes cafeteria, IMC, computer room, music room, and science room.

FEATURES

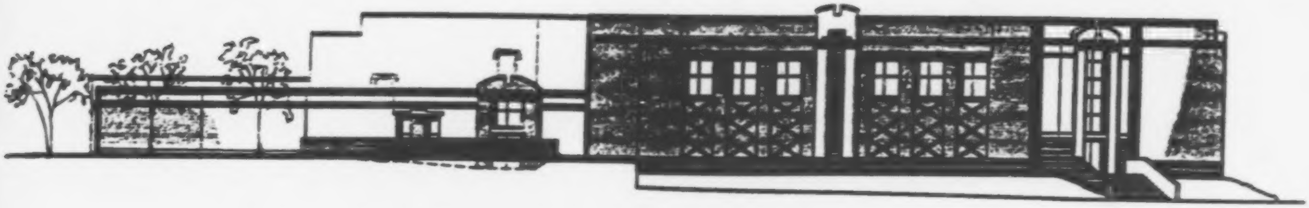
Site Development:	Tennis court relocation, ball-diamond and soccer field site restoration.
Floors:	Concrete slab-on-grade and precast concrete deck.
Exterior Walls:	Brick cavity wall with 2" rigid insulation.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, double-hung aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in corridors, and carpet in classrooms, offices, and library.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units.


GYMNASIUM
OFF
JAN
OFF
OFF
KITCHEN
CLS.RM
CLS.RM
CLS.RM
CLS.RM
COURTYARD
CLS.RM
STAGE
CAFETERIA
WKRM
CLS.RM
STOR
O.T./P.T.
ESL
SP.
GUID
CONF
PRIN
ADMIN
HEALTH
CLS.RM
CLS.RM
ED
FAC.
CLS.RM
STOR
CLS.RM
CLS.RM
VEST.
CLS.RM
CLS.RM
READING
LD

FIRST FLOOR PLAN
LAKE BLUFF ELEMENTARY SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



LAKE BLUFF ELEMENTARY SCHOOL
SHOREWOOD, WISCONSIN
GENERAL INFORMATION

Owner:	School District of Shorewood Jack Linihan, Superintendent	**Architect:**	Eppstein Keller Uhén, Inc. (414)271-5350
Date Project Approved by S.D.:	December, 1991	**Contractor:**	Hunzinger Construction Co. (414)797-0797
Date Construction Start:	July, 1992		
Date Construction Completion:	August, 1993		

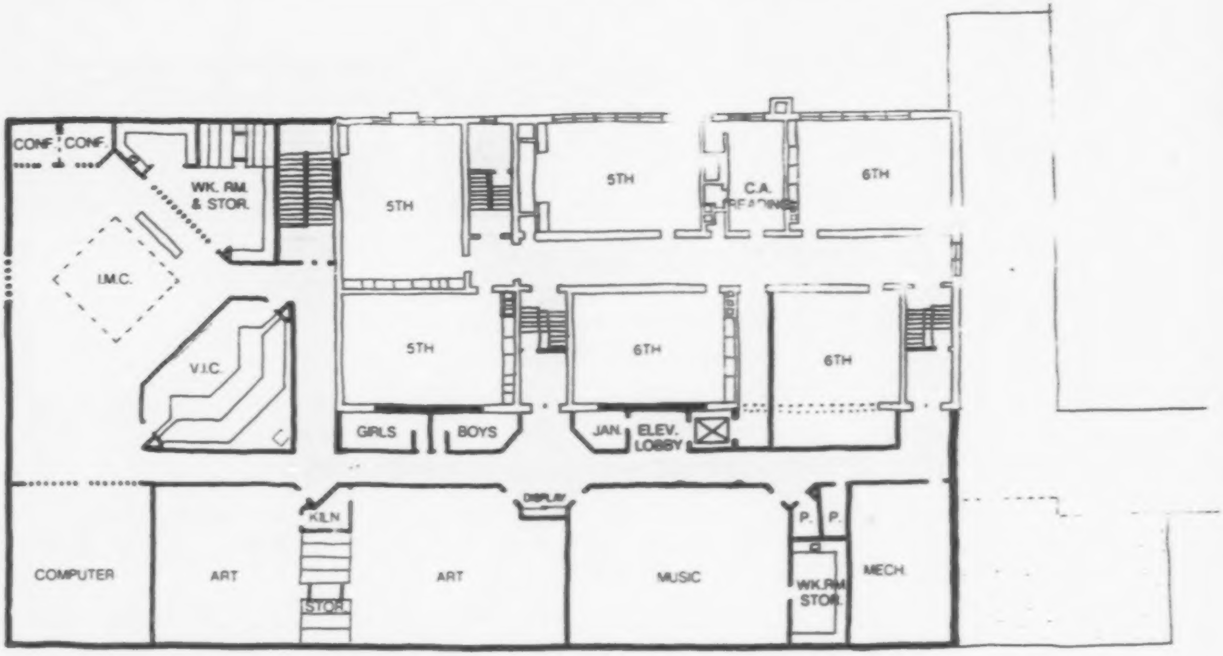
Costs:	Construction:	$2,488,000.00
	Site Work:	112,000.00
	Equipment:	87,000.00
	TOTAL:	$2,687,000.00

Area:	Site:	3.9 Acres
	Building:	32,122 s.f.
Cost per Sq. Ft.:		$83.65

PROJECT DESCRIPTION: Renovation and addition to an existing elementary school to relieve overcrowding. Addition includes eight classrooms, a kitchen, and a gymnasium/multi-purpose area.

FEATURES

Site Development:	Site restoration, parking lot repair and retaining wall replacement.
Floors:	Concrete slab-on-grade and precast concrete deck.
Exterior Walls:	Brick cavity wall with 2" rigid insulation.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, double-hung aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilets, vinyl tile in corridors and offices, wood in gymnasium.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units.
Electrical:	2' x 4' lay-in lighting fixtures, typically.
Special Equipment:	N.A.

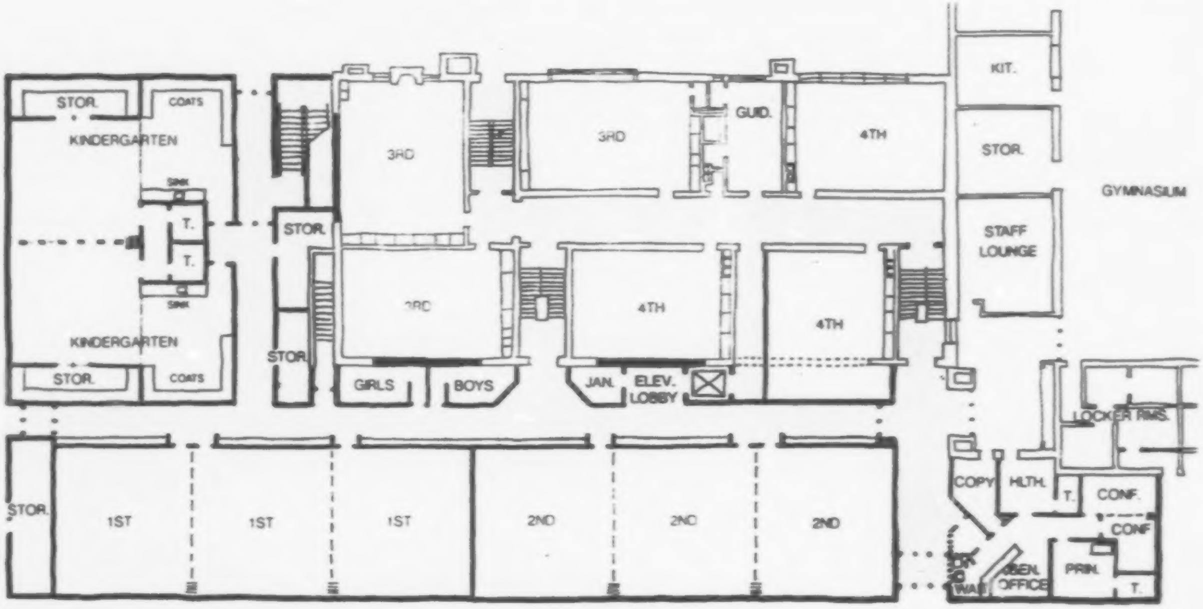

CONF.
CONF.
WK. RM. & STOR.
I.M.C.
V.I.C.
5TH
5TH
C.A. READING
6TH
5TH
6TH
6TH
GIRLS
BOYS
JAN.
ELEV. LOBBY
KILN
DISPLAY
P.
P.
COMPUTER
ART
STOR.
ART
MUSIC
WK.RM. STOR.
MECH.

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

SCALE 0 5 10 15 25

RANDALL SCHOOL
WAUKESHA WISCONSIN

SECOND FLOOR PLAN


STOR.
COATS
KINDERGARTEN
SINK
T.
T.
SINK
KINDERGARTEN
STOR.
COATS
STOR.
STOR.
3RD
3RD
GUID.
4TH
KIT.
STOR.
GYMNASIUM
STAFF LOUNGE
3RD
4TH
4TH
GIRLS
BOYS
JAN.
ELEV. LOBBY
LOCKER RMS.
STOR.
1ST
1ST
1ST
2ND
2ND
2ND
COPY
HLTH.
T.
CONF.
CONF
WAIT
GEN. OFFICE
PRIN.
T.

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

SCALE 0 5 10 15 25

RANDALL SCHOOL
WAUKESHA WISCONSIN

FIRST FLOOR PLAN

RANDALL ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Waukesha School District
Robert Buchholtz, District Administrator

Date Project Approved by S.D: April 1990
Date Construction Start: August 1992
Date Construction Completion: August 1992

Costs:	**Construction:**	$2,736,781
	Site Work:	$25,000
	TOTAL:	**$2,761,781**

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Voss-Jorgensen Schueler Co.
(414) 542-9000

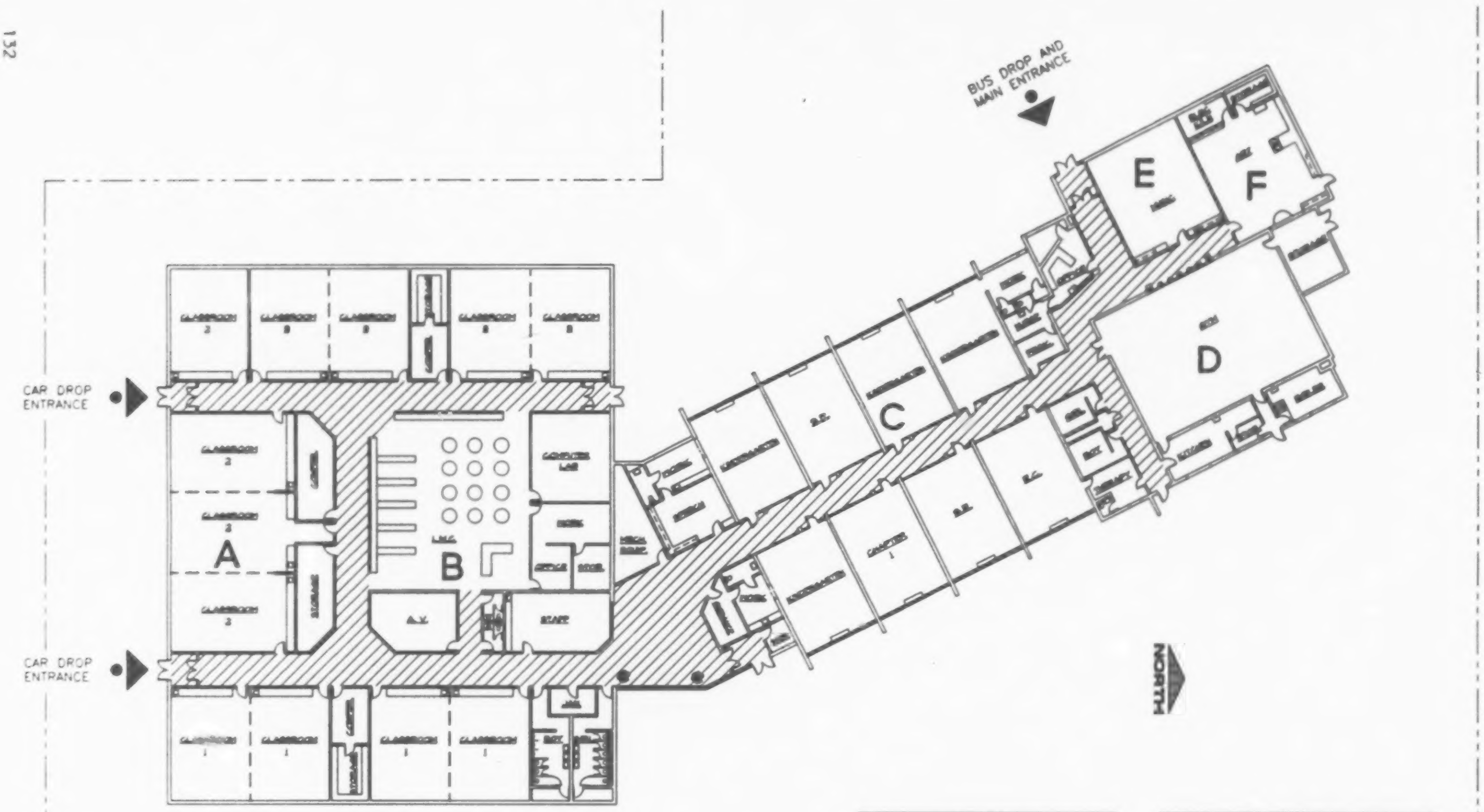
Area: Site: 2.5 acres
Building: 30,100 sq. ft. addition
36,400 sq. ft. remodel

Cost per Sq. Ft.: $41.53 (combined)

PROJECT DESCRIPTION: Complete renovation of existing three-story classroom facilities. The new addition included six classrooms, several small group and conference areas, I.M.C., computer lab, two art labs, two kindergarten suites, music room and practice facilities, and administrative suite. In combination with existing gymnasium facilities, a complete 3-track K-6 school was achieved.

FEATURES

Site Development:	Grading to maintain existing site drainage, new concrete sidewalks and landscaping plan.
Floors:	Concrete slab on grade, poured topping on precast plank and existing construction.
Exterior Walls:	Brick and cut stone veneer, air space, rigid insulation and C.M.U. along with existing M.A.S.
Interior Walls:	C.M.U., metal studs and gypsum board, existing with furring system
Windows:	Clad wood, fixed and operable.
Roof:	Ballasted single ply E.P.D.M. and existing.
Floor Finishes:	Carpet, VCT, ceramic tile and rubber tile.
Base:	Vinyl, ceramic and existing terrazzo.
Walls:	Painted C.M.U. and gypsum board, tackable wall surface and vinyl wall fabric.
Ceilings:	2 x 2 and 2 x 4 acoustical tile, vinyl covered gypsum board, gypsum board, existing plaster.
HVAC:	All new ducted forced air system with variable volume boxes along with natural gas boilers and roof top air cooling condensing unit for interior classrooms with no windows and Administration suite.
Electrical:	2 x 4 and 2 x 2 lay-in fixtures with wall mounted fixtures incorporated into stairwells and special exterior lighting fixtures. Systems include cable T.V., fire alarm, P.A., telephone and clock along with computer hookup to all rooms.
Special Equipment:	I.M.C. furnishings, bench and hook strips, educational equipment (casework), movable storage units and an elevator.


BUS DROP AND MAIN ENTRANCE
CAR DROP ENTRANCE
CAR DROP ENTRANCE
A
B
C
D
E
F
L.M.C.
A.V.
NORTH

43,406 TOTAL GROSS
SQUARE FEET

LEGEND	
A	NEW CLASSROOMS
B	LIBRARY MEDIA CENTER
C	EXISTING CLASSROOMS
D	EXISTING GYM
E	MUSIC
F	ART

LEGEND	
☐	SHARED FACILITIES
☐	LIBRARY MEDIA CENTER
☐	TOILETS – JANITORIAL
☐	CLASSROOMS
☐	EXISTING ROOMS
▨	CIRCULATION

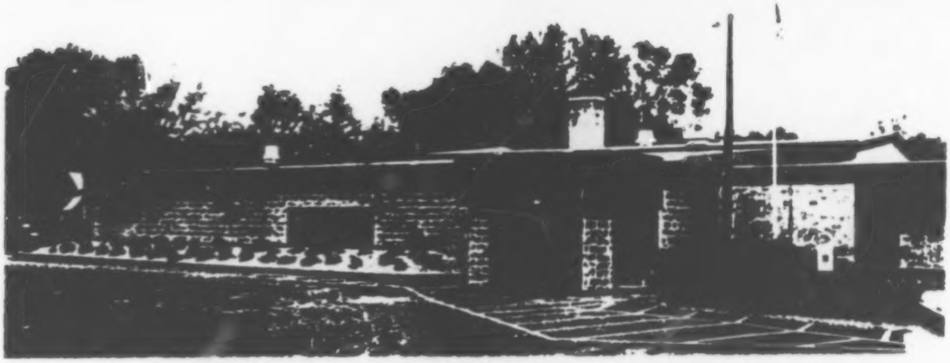
DATE	REVISED	JOB NO.

FLOOR PLAN

RIVERVIEW ELEMENTARY SCHOOL
WAUTOMA, WISCONSIN

GENE CRAVILLION
ARCHITECT
Route 3, 200-5 [illegible] Drive
Wautoma, WI 54982 (414) 787-7476

AGL
ARCHITECTS GROUP LIMITED
1825 South Webster Avenue
Building 2 P.O. Box 340
Green Bay, Wisconsin 54305
414-432-1232 FAX 414-432-7283



NAME OF SCHOOL: Riverview Elementary

GENERAL INFORMATION

Owner: Wautoma Area School District
Cliff Hudson, District Administrator

Date Project Approved by S.D:	April 1992
Date Construction Start:	May 1992
Date Construction Completion:	Dec 1992

Costs:	**Construction:**	$1,219,000.00
	Site Work:	55,000.00
	Equipment:	104,000.00
	TOTAL:	**$1,378,000.00**

Architect: Gene Cravillion / AGL
(414) 787-7476

Contractor: Westra Construction
(414) 324-3545

Area: Site 3 Acres
Building 28,356 sq ft

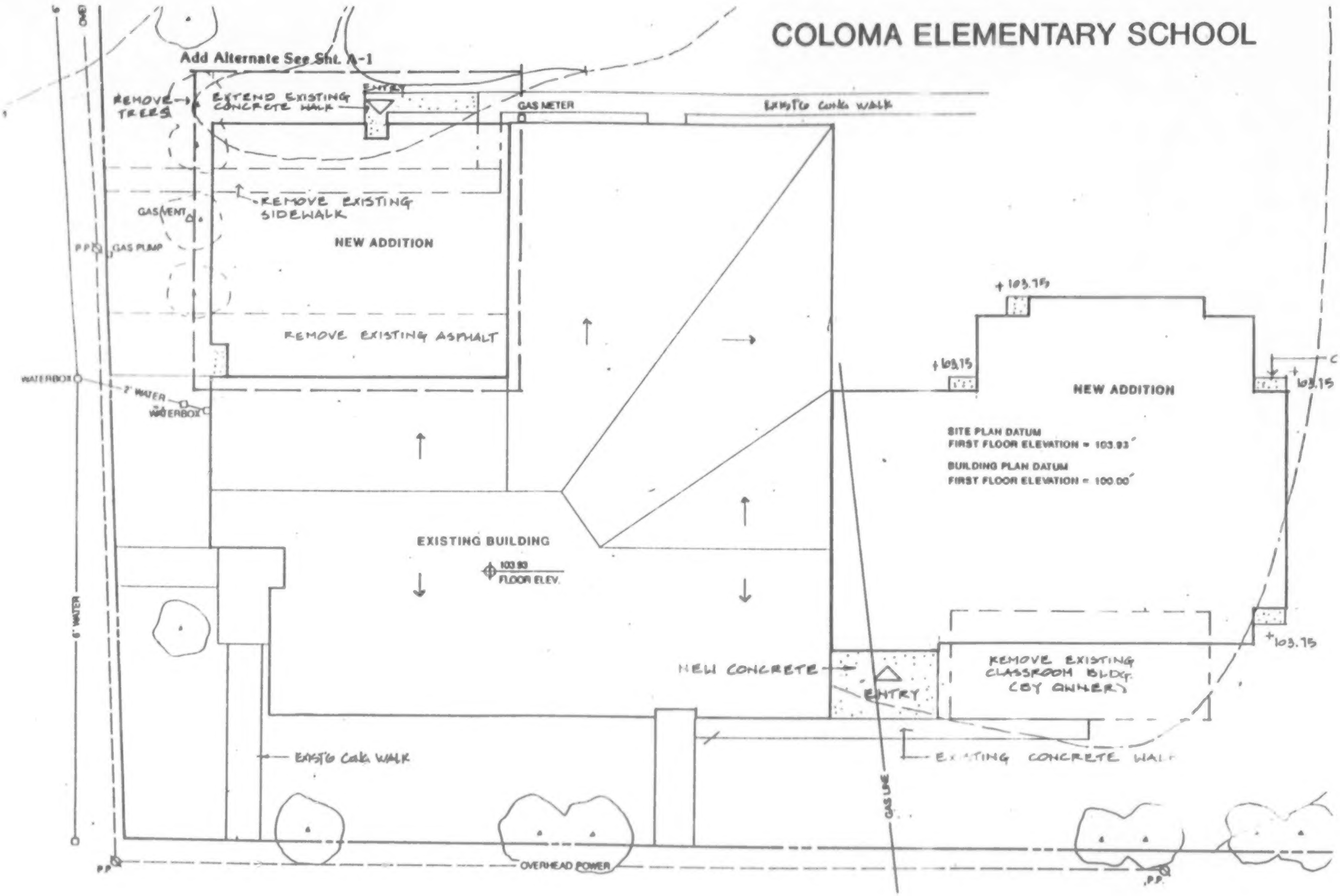
Cost per Sq. Ft.: $48.50 (for new)

PROJECT DESCRIPTION: An 28,356 S. F. addition consisting of 12 classrooms, an IMC, computer lab, art, music rooms, new entrance and offices. Remodel 12,000 S. F. classrooms. Classrooms grouped around IMC.

FEATURES

Site Development:	Fill 4'-0" at addition, new asphalt parking, 100 foot square paved play area, exterior completely landscaped with irrigation system.
Floors:	Concrete Slab-on grade.
Exterior Walls:	Decorative concrete block, 2" rigid insulation, 8" concrete block insulated.
Interior Walls:	Concrete block corridor and classroom. Operable walls between classrooms.
Windows:	Fixed and operable, 1" insulated glass, low E, mini blinds in glass.
Roof:	Sloped steel bar joists and metal deck with R-38 rigid insulation and ballasted single ply membrane. All slopes to exterior.
Floor Finishes:	Quarry tile in entry and toilets, vinyl tile at wet areas of classrooms. Carpet in corridors, IMC, classrooms.
Base:	Quarry tile and recessed painted.
Walls:	Concrete block painted in corridors and classrooms with 2'-0" high tack. Fabric at operable walls.
Ceilings:	Mineral fibre acoustic tile, 2 X 4 in classrooms, 2 X 2 in IMC.
HVAC:	Gas fired boilers high efficiency, serving air handling units controlled by pneumatic thermostats, variable air volums.
Electrical:	2 X 4 lay-in troffer. Paralouve fixtures in IMC and computer lab. All classrooms, IMC wired for computers and cable access with television sets mounted on wall brackets.
Special Equipment:	Fire, smoke alarms, telephones to each teaching area and offices.

COLOMA ELEMENTARY SCHOOL


Add Alternate See Sht. A-1
REMOVE TREES
EXTEND EXISTING CONCRETE WALK
ENTRY
GAS METER
EXIST'G CONC WALK
REMOVE EXISTING SIDEWALK
GAS VENT
P.P.
GAS PUMP
NEW ADDITION
REMOVE EXISTING ASPHALT
WATERBOX
2" WATER
WATERBOX
6" WATER
GND
EXISTING BUILDING
103.93
FLOOR ELEV.
+103.75
+103.75
103.75
+103.75
NEW ADDITION
SITE PLAN DATUM
FIRST FLOOR ELEVATION = 103.93'
BUILDING PLAN DATUM
FIRST FLOOR ELEVATION = 100.00'
NEW CONCRETE
ENTRY
REMOVE EXISTING CLASSROOM BLDG. (BY OWNER)
EXIST'G CONC WALK
EXISTING CONCRETE WALK
GAS LINE
P.P.
OVERHEAD POWER
P.P.

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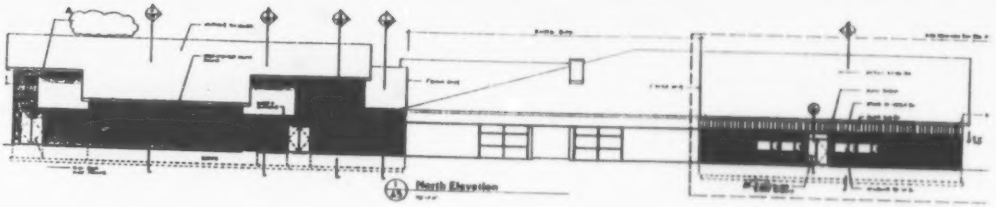


NAME OF SCHOOL: Coloma Elementary School
GENERAL INFORMATION

Owner: Westfield School District

Architect: Foth & Van Dyke
Madison, WI
(608) 238-4761

Date Construction Start: 06/92
Date Construction Completion: 12/92

Contractor: Ed Altmann Construction
(715) 421-2550

Costs: Construction & Site $769,805

Area: Building: 18,844 s.f.
Cost per Sq Ft: $40.85

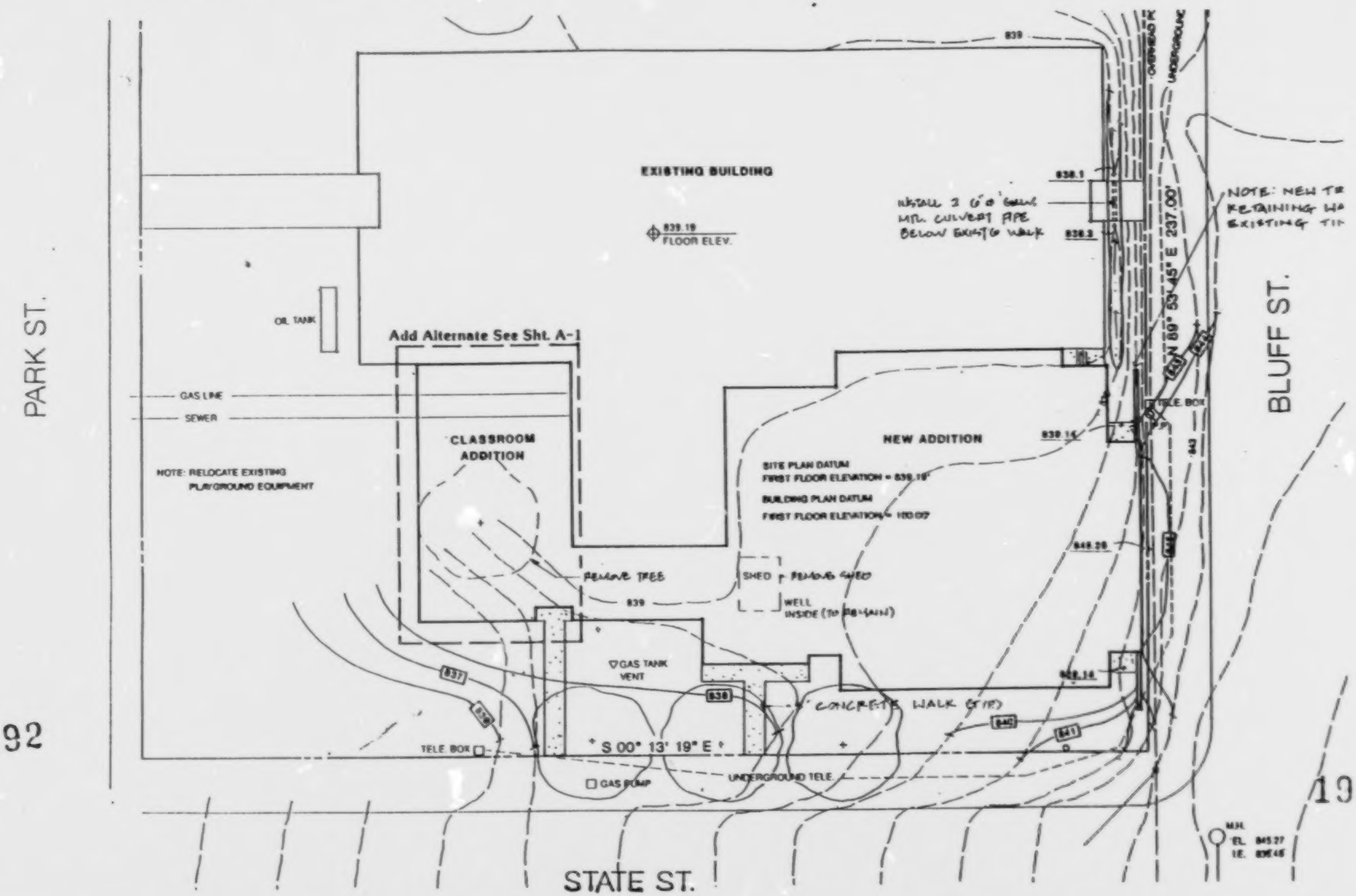
PROJECT DESCRIPTION:

Design services for Coloma Elementary School included a new gymnasium with stage, locker rooms and shower facilities; three new general classrooms; remodeling the existing physical education area into a new library/IMC and computer laboratory and development of a new commons area from existing space.

FEATURES

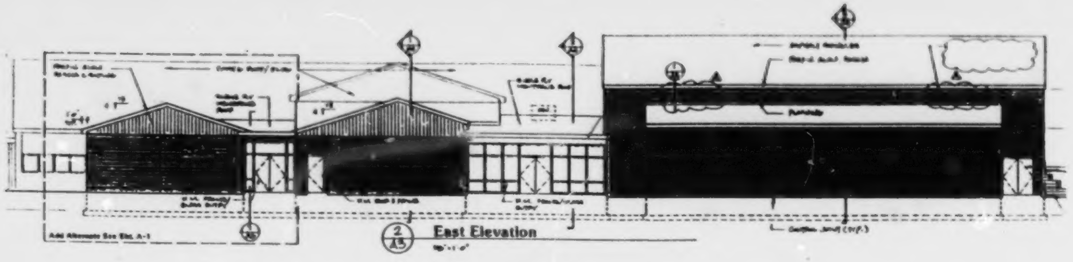
Site Development:	Abandoned septic tanks removal; playground equipment relocation; gas service relocation; new electric service.
Floors:	Concrete slab on grade, precast concrete plank with topping and concrete on metal decking over steel joists for mezzanines
Exterior Walls:	Concrete block interior; foam board insulation; brick exterior
Interior Walls:	Concrete block
Windows:	Aluminum sliding sash
Roof:	Steel joists; metal decking; nail-base foam board insulation; asphalt shingles
Floor Finishes:	Vinyl composition tile; carpet in library/computer lab.; ceramic tile in toilet, locker and shower rooms
Base:	Vinyl; ceramic in toilet, locker and shower rooms
Walls:	Paint
Ceilings:	2X4 acoustical tile; gypsum board in locker/shower rooms; exposed structure in gym
HVAC:	Gas-fired, forced air in gym; forced air with hot water heat coils in classrooms; hot water convection heat in vestibules
Electrical:	2X4 fluorescent lay-in fixtures; industrial HID lighting in gym; public address system; smoke detector and fire alarm system
Special Equipment:	Basketball backstops and volleyball nets for gym

NESHKORO ELEMENTARY SCHOOL


PARK ST.
BLUFF ST.
STATE ST.
839
EXISTING BUILDING
839.19
FLOOR ELEV.
838.1
838.3
INSTALL 2 6"⌀ GALV.
MTL. CULVERT PIPE
BELOW EXIST'G WALK
OVERHEAD
UNDERGROUND
N 89° 53' 45" E 237.00'
NOTE: NEW TR
RETAINING WA
EXISTING TIM
OIL TANK
Add Alternate See Sht. A-1
GAS LINE
SEWER
CLASSROOM
ADDITION
NOTE: RELOCATE EXISTING
PLAYGROUND EQUIPMENT
NEW ADDITION
839.14
SITE PLAN DATUM
FIRST FLOOR ELEVATION = 839.19'
BUILDING PLAN DATUM
FIRST FLOOR ELEVATION = 110.07
TELE BOX
843
848.28
REMOVE TREE
839
SHED
REMOVE SHED
WELL
INSIDE (TO REMAIN)
GAS TANK
VENT
837
836
838
CONCRETE WALK (TYP)
840
841
848.14
TELE BOX
S 00° 13' 19" E
GAS PUMP
UNDERGROUND TELE
M.H.
EL. 845.27
I.E. 835.45

192

193



NAME OF SCHOOL: Neshkoro Elementary School
GENERAL INFORMATION

Owner: Westfield School District

Architect: Foth & Van Dyke
Madison, WI
(608) 238-4761

Date Construction Start: 06/92
Date Construction Completion: 12/92

Contractor: Ellis Stone Construction
(715) 345-5000

Costs: Construction & Site $655,786

Area: Building: 15,066 s.f.
Cost per Sq Ft: $43.53

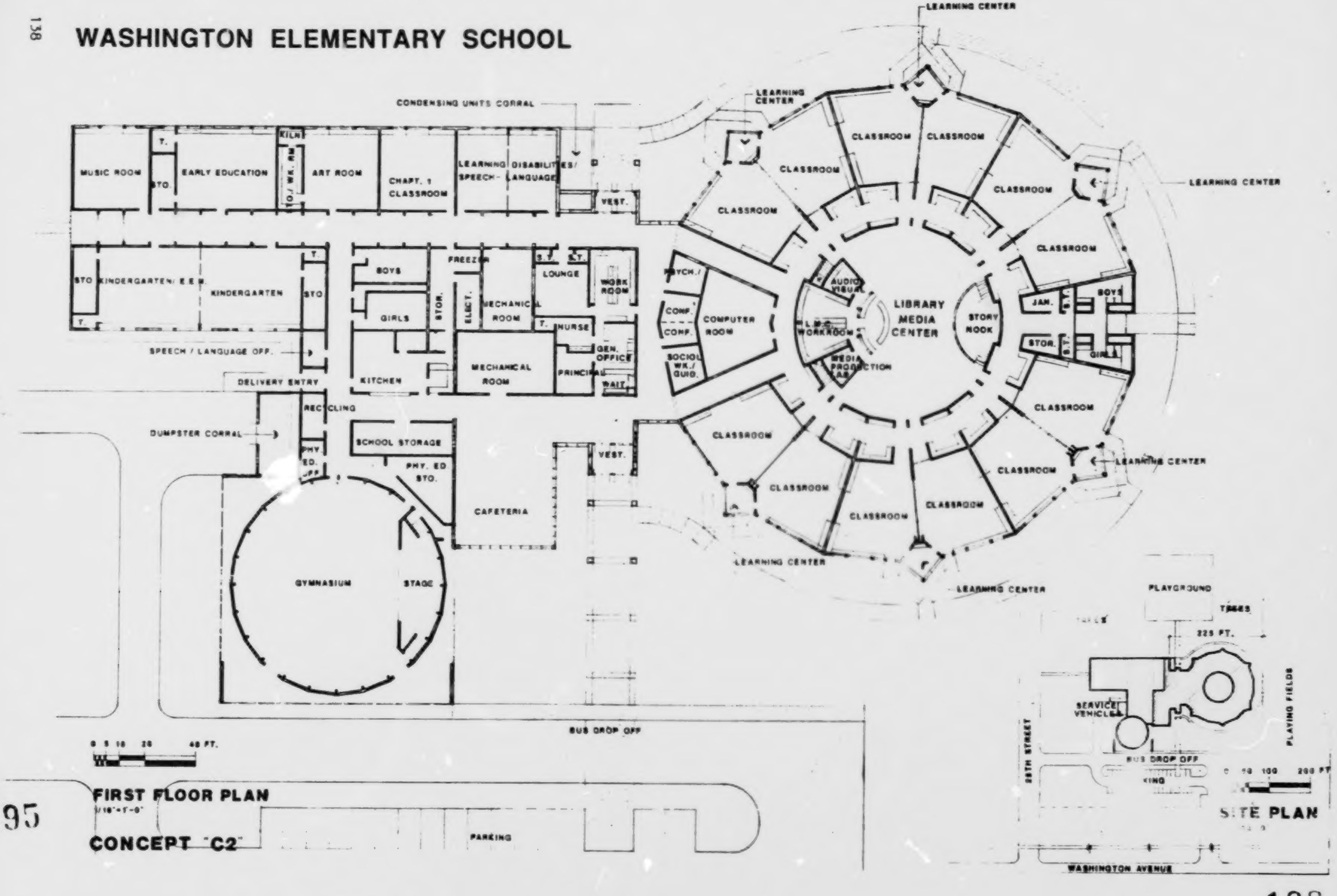
PROJECT DESCRIPTION:

Design services for Neshkoro Elementary School included a new gymnasium with stage, locker rooms and shower facilities; two new general classrooms and one Chapter 1 classroom; new commons area; and remodel of the existing physical education area into a new library/IMC and computer laboratory.

FEATURES

Site Development:	Unsuitable soils removal; water well modifications; construction into embankment
Floors:	Concrete slab on grade; concrete slab on metal decking over steel joists for mezzanine
Exterior Walls:	Concrete block interior; foam board insulation; brick exterior
Interior Walls:	Concrete block & metal stud with gypsum board
Windows:	Aluminum sliding sash
Roof:	Steel joists, metal decking, asphalt shingles over nail-base foam board insulation, ballasted single-ply membrane roofing over foam board insulation
Floor Finishes:	Vinyl composition tile; carpet in library/computer lab; ceramic tile in toilet rooms
Base:	Vinyl; ceramic tile in toilet rooms
Walls:	Paint
Ceilings:	2X4 acoustical tile; gypsum board in toilet rooms; exposed structure in gym
HVAC:	Gas-fired, forced air in gym; forced air with hot water heat coils in classrooms; hot water convection heat in vestibules
Electrical:	2X4 fluorescent lay-in lights; industrial HID lighting in gym; public address system, smoke detector and fire alarm system
Special Equipment:	Basketball backstops and volleyball nets for gym

WASHINGTON ELEMENTARY SCHOOL


LEARNING CENTER
CONDENSING UNITS CORRAL
MUSIC ROOM
T.
STO.
EARLY EDUCATION
KILN
STO./WK. RM
ART ROOM
CHAPT. 1 CLASSROOM
LEARNING DISABILITIES/ SPEECH- LANGUAGE
VEST.
CLASSROOM
STO KINDERGARTEN/ E.E.H.
KINDERGARTEN
BOYS
GIRLS
STOR.
ELECT.
FREEZER
MECHANICAL ROOM
S.T.
LOUNGE
WORK ROOM
NURSE
GEN. OFFICE
PRINCIPAL
WAIT
KITCHEN
PSYCH./
CONF.
COMPUTER ROOM
SOCIAL WK./ GUID.
AUDIO VISUAL
L.M.C. WORKROOM
MEDIA PRODUCTION LAB
LIBRARY MEDIA CENTER
STORY NOOK
JAN.
STOR.
SPEECH / LANGUAGE OFF.
DELIVERY ENTRY
RECYCLING
DUMPSTER CORRAL
PHY. ED. OFF.
SCHOOL STORAGE
PHY. ED STO.
CAFETERIA
GYMNASIUM
STAGE
BUS DROP OFF
PARKING
0 5 10 20 40 FT.
PLAYGROUND
TREES
225 FT.
SERVICE VEHICLES
28TH STREET
PLAYING FIELDS
BUS DROP OFF
PARKING
0 50 100 200 FT
WASHINGTON AVENUE

FIRST FLOOR PLAN
1/16"=1'-0"

CONCEPT "C2"

SITE PLAN

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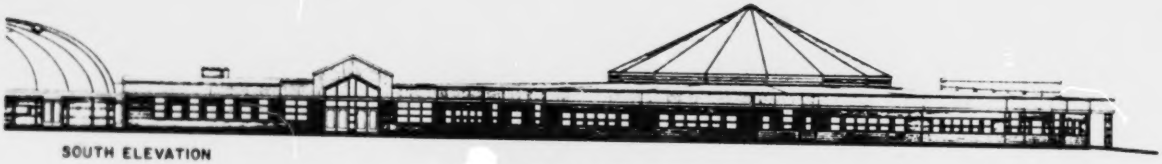


EXTERIOR ELEVATIONS

WASHINGTON ELEMENTARY SCHOOL

GENERAL INFORMATION

Owner: Wisconsin Rapids School District
Timothy Laatsch, District Administrator

Date Project Approved by S.D.: July 1991
Date Construction Start: October 1991
Date Construction Completion: August 1992

Costs:

Construction:	
Site Work:	
Equipment:	
TOTAL:	$2,471,857

Architect: R.C. Shutter, Inc.
(608) 829-3966

Contractor: Oscar Boldt Const. Co
(715) 359-6581

Area:

Site:	1,170,000 SF
Building:	62,908 SF
(new and existing)	

Cost per Sq. Ft.: $62.00 (new only)

PROJECT DESCRIPTION: New 38,704 square foot addition onto existing 24,204 SF facility. 12 classrooms (grades 1-5), new IMC, administrative and guidance offices, computer lab, IMC support rooms, learning disability classrooms, entrance canopy, cafeteria/multipurpose room, and remodeling of existing classrooms.

FEATURES

Site Development:	Parking lot for 37 cars, bus drop off drive, play area.
Floors:	Concrete slab-on-grade with computer raceways in IMC.
Exterior Walls:	Split face colored block and brick, 2" rigid insul and concrete block interior.
Interior Walls:	Painted concrete block.
Windows:	Fixed and operable anodized aluminum, double glazed with blinds.
Roof:	Steel bar joints with 4" EPS insul with modified bitumen roofing. IMC has laminated wood arches and beams with T & G wood boards, 4" rigid insul, plywood sheathing and shingles.
Floor Finishes:	Carpet in classrooms, offices and IMC. Fritz tile in corridors and cafeteria.
Base:	Vinyl and quarry tile base.
Walls:	Painted concrete block; IMC has acoustical wall coverings and acoustical panels.
Ceilings:	2 x 2 acoustical lay in tile. Stained and varnished T & G wood boards in IMC.
HVAC:	High efficiency gas fired boilers and forced air heating with hot water reheat, air conditioned new addition.
Electrical:	2 x 4 lay in troffer lighting in classrooms and computer lab, 2 x 4 lay in fluorescent lighting in corridors and pendant lighting in IMC.
Special Equipment:	Computer room, IMC workroom, computer raceways in floor of IMC, clock and bell system, fire alarm system.

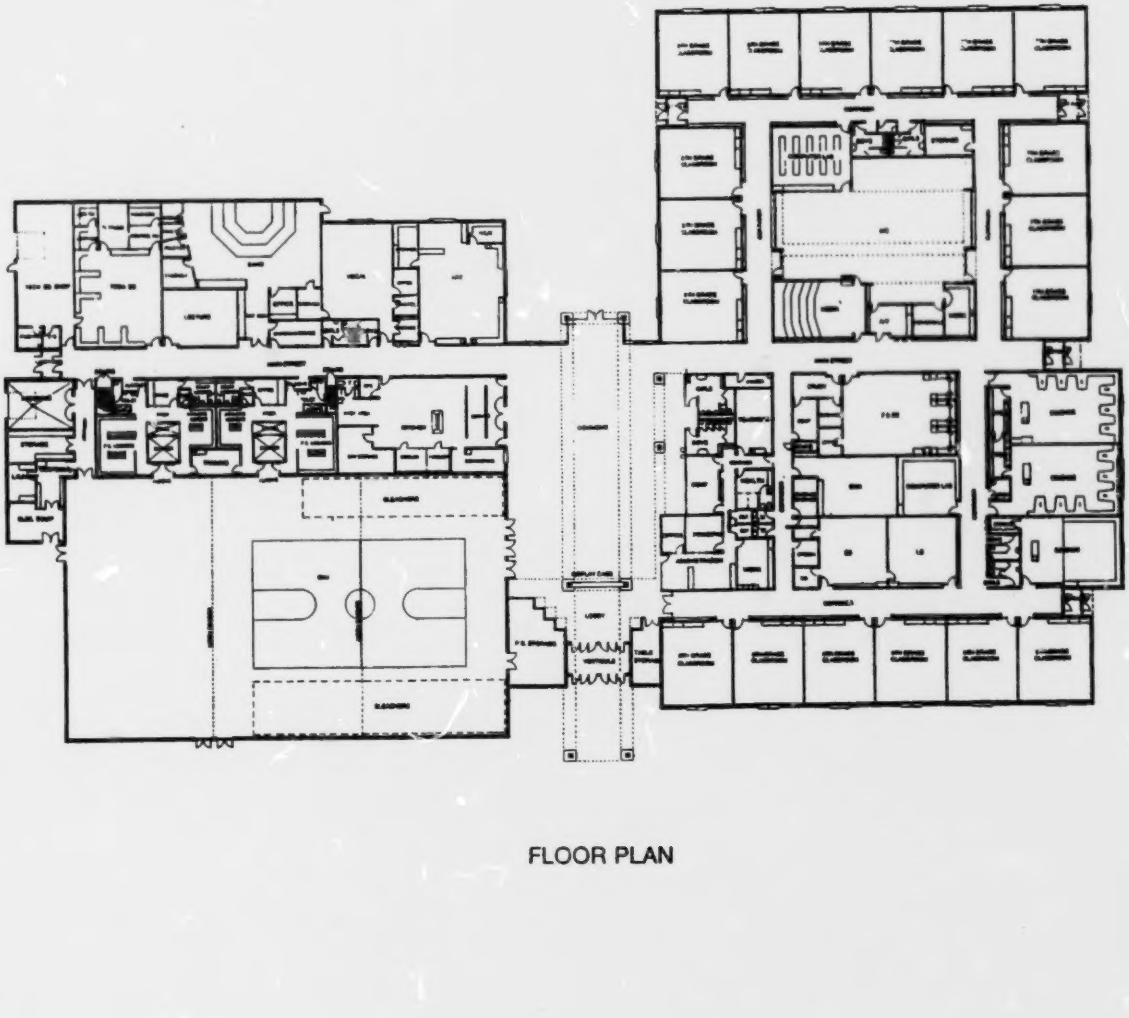
3. Middle Schools: New Buildings

- Amery
- Adams-Friendship
- Black River Falls
- Denmark
- Milwaukee
- Oak Creek-Franklin
- Oregon
- Wausau
- Wautoma
- West De Pere

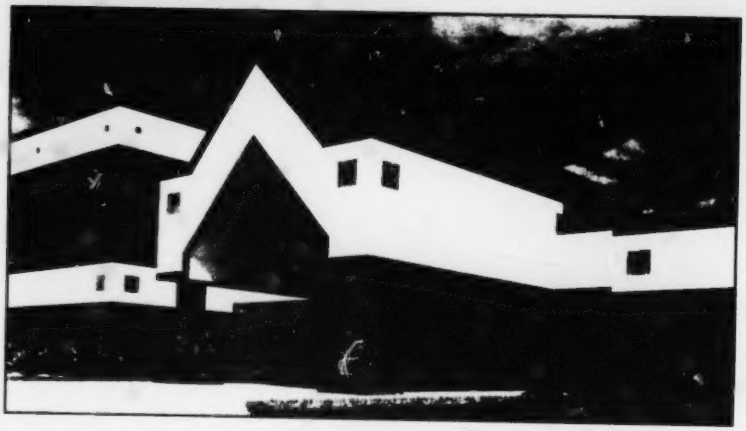
Amery Middle School

Amery, Wisconsin

■ **Bray**
■ **Associates**
■ **Architects**



FLOOR PLAN



NAME OF SCHOOL: AMERY MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Amery School District
Mr. Ray Norsted, District Administrator

Date Project Approved by S.D: Winter 1991
Date Construction Start: Summer 1991
Date Construction Completion: August 1992

Costs:

Construction:	$4,724,168
Site Work:	$250,000
Equipment:	$530,000
TOTAL:	$5,504,168

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Adolphson and Peterson, Inc.
(612) 544-1561

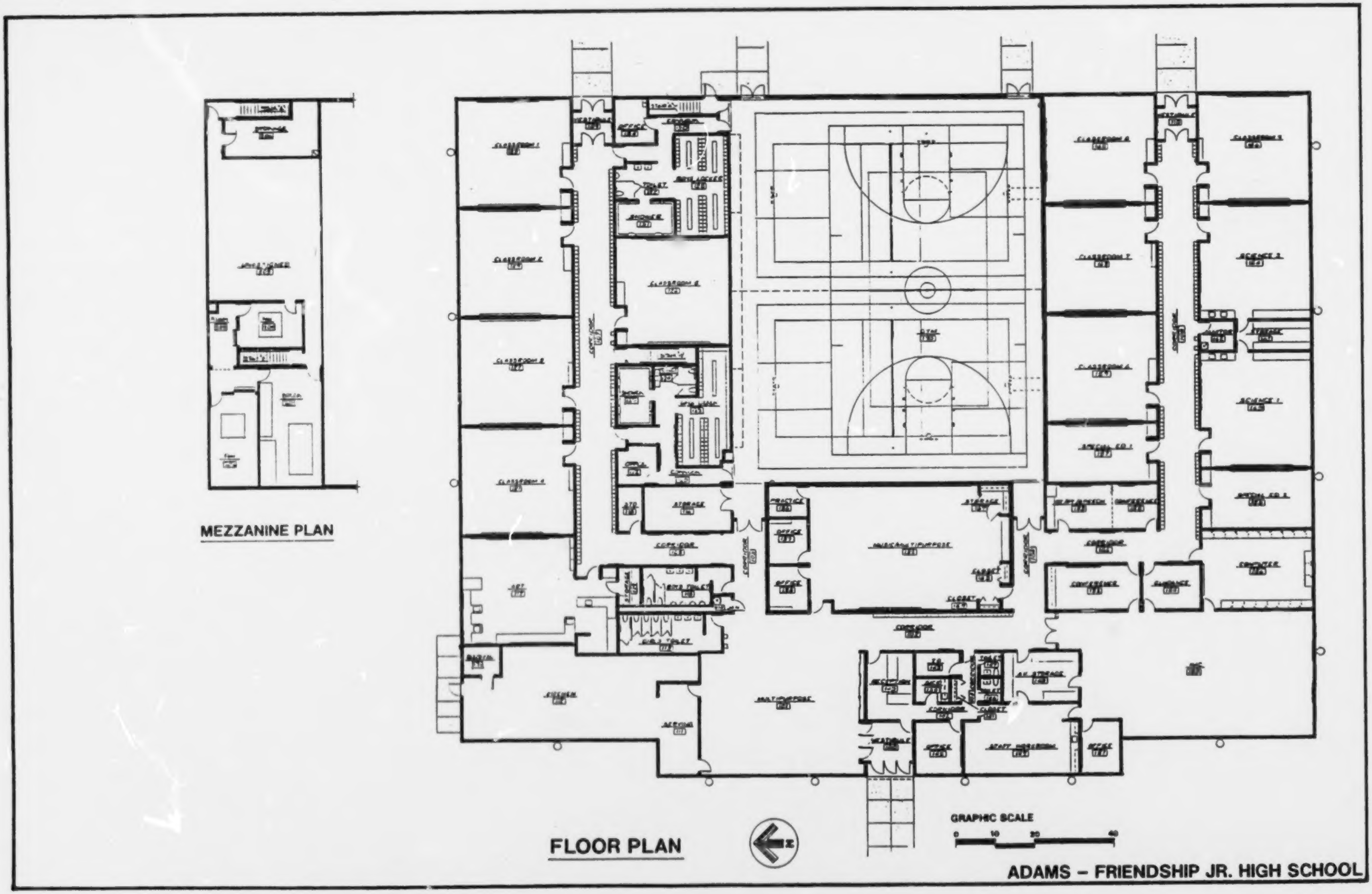
Area: Site: 20 acres
Building: 95,000 SF

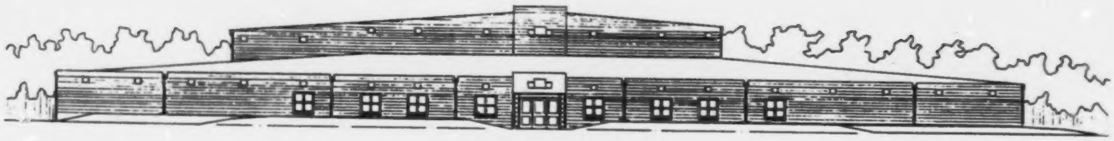
Cost per Sq. Ft.: $58

PROJECT DESCRIPTION: The 7th and 8th grade middle school classrooms are organized around their resource areas with the 6th grade located as contained classrooms. The science classes were kept together, and a central IMC was created. The physical education, music, and technical education areas are separated by a central cafeteria-commons area.

FEATURES

Site Development:	A new site was developed with parking, drives, physical education fields, and landscaping.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal windows, double glazed with slim shades.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


MEZZANINE PLAN
FLOOR PLAN
GRAPHIC SCALE
0
10
20
40
N
ADAMS – FRIENDSHIP JR. HIGH SCHOOL
CLASSROOM 1
CLASSROOM 7
SCIENCE 2
SCIENCE 1
SPECIAL ED 1
SPECIAL ED 2
CORRIDOR
STORAGE
ART
KITCHEN
MULTIPURPOSE
COMPUTER
CONFERENCE
GUIDANCE
STAFF WORKROOM
OFFICE
BOYS TOILET
GIRLS TOILET
GYM
VESTIBULE
SERVING



FRONT ELEVATION (WEST)

NAME OF SCHOOL: ADAMS-FRIENDSHIP JR. HIGH SCHOOL
GENERAL INFORMATION

Owner: Adams-Friendship Area School District

Architect: Foth & Van Dyke
Milwaukee, WI
(414) 359-2500

Costs: TOTAL: $1,542,000

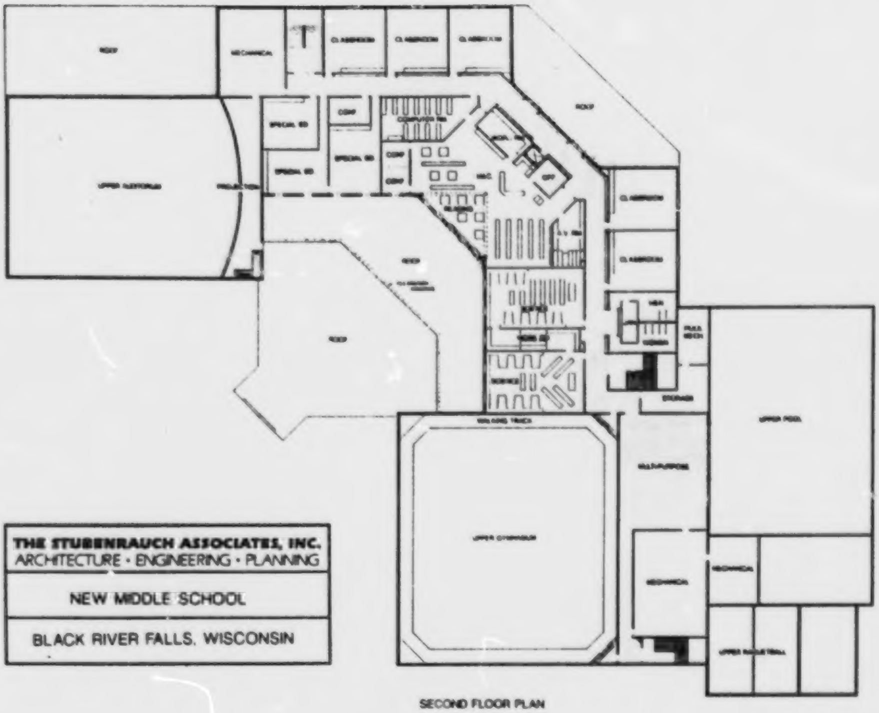
Area: Building: 40,000 s.f.
Cost per Sq Ft: $39.78

PROJECT DESCRIPTION:

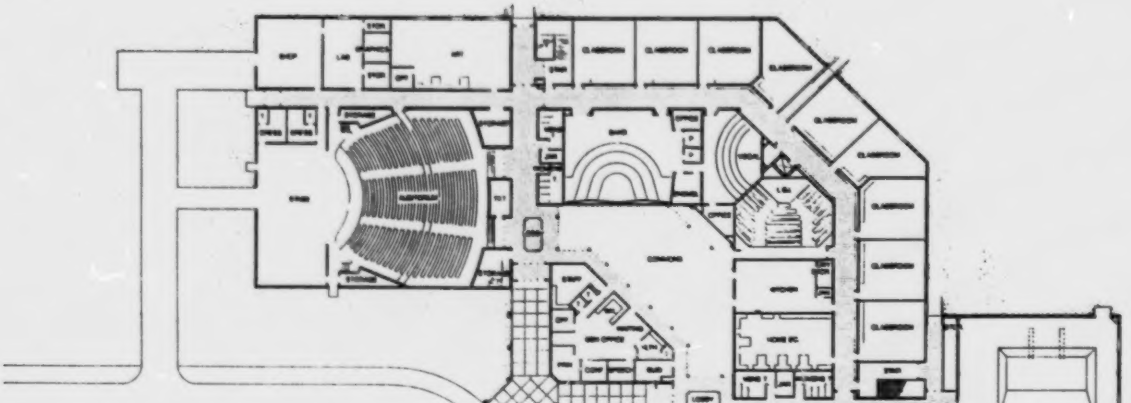
The new 40,000 s.f. junior high building features general and special classrooms, gymnasium, multipurpose room, IMC, kitchen and administrative offices.

FEATURES

Site Development:	Access roads and parking lot
Floors:	Concrete slab on grade
Exterior Walls:	Split face concrete block
Interior Walls:	Concrete block
Windows:	Double hung aluminum windows
Roof:	Steel hoist and metal deck with rigid insulation and ballasted EPDM
Floor Finishes:	Vinyl tile; quarry tile in kitchen; ceramic tile in bathrooms; carpeting in offices and IMC
Base:	Vinyl, quarry and ceramic tile
Walls:	Painted concrete block
Ceilings:	2X4 lay-in acoustical tile
HVAC:	A two zone modular hot water boiler system with separate heating coils serving each room
Electrical:	Energy-efficient 2X4 flourescent throughout facility Energy-efficient metal halide lamps in gymnasium
Special Equipment:	Fire alarm system; clock and bell system; intercom system


THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING
NEW MIDDLE SCHOOL
BLACK RIVER FALLS, WISCONSIN

SECOND FLOOR PLAN


THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING
NEW MIDDLE SCHOOL
BLACK RIVER FALLS, WISCONSIN

FIRST FLOOR PLAN

BLACK RIVER FALLS MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Black River Falls School District
Dennis Richards, District Administrator

Date Project Approved by S.D: Fall 1989
Date Construction Start: May 1990
Date Construction Completion: August 1991

Costs: **Construction:** $5,921,319
Equipment: 147,567
TOTAL: $6,068,886

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Market & Johnson
(715) 834-1213

Area: **Site:** 10 acres
Building: 110,200 sq. ft.

Cost per Sq. Ft.: $55.07

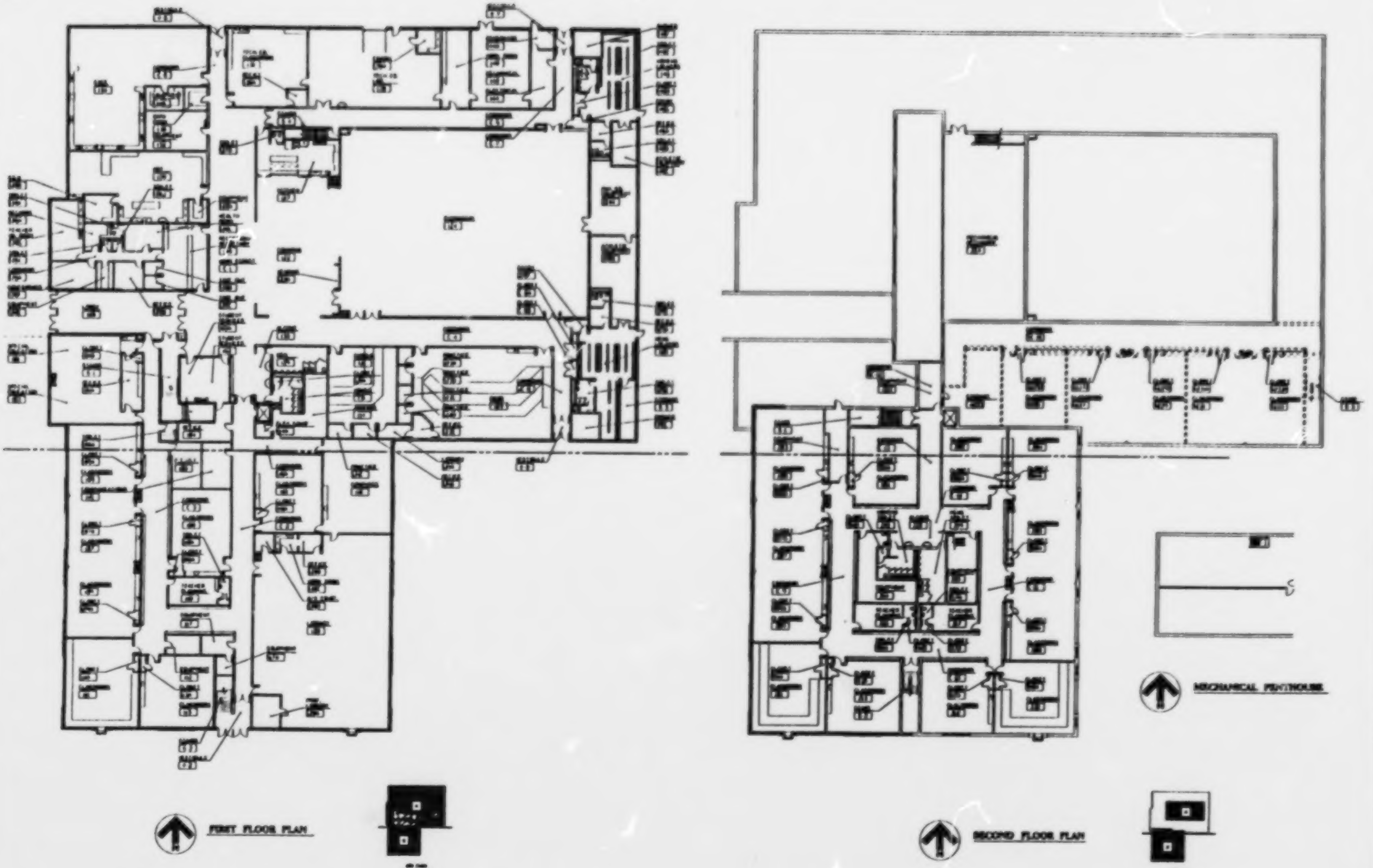
PROJECT DESCRIPTION: This new middle school houses 450 sixth through eighth grade students and is expandable to a capacity of 525. After the successful referendum, a donation of $1.7 million was made by the Lunda family to create a recreation center for community use.

The Lunda Recreation Center contains a separate entrance for public access, a 550 seat auditorium with a full size stage, an orchestra pit, and "floating" gypsum board ceiling clouds provide the acoustical control necessary. Also housed in the auditorium wing are the shop and art classrooms. This proximity allows scenery to be easily moved from areas of construction to the stage. There are maincourt basketball and volleyball courts and also two crosscourts of each in the gymnasium. Bleachers provide seating for 512 people. A walking/running track is provided around the perimeter of the gym at the second floor level. Also included are locker rooms, a six-lane pool with a ramp for handicap access and two diving boards. A whirlpool, sauna, and two racquetball courts are also in the recreation center.

A first floor commons area adjacent to the educational section serves as the school cafeteria as well as the lobby for the auditorium. To create a high tech/performing arts atmosphere, the commons has a tubular steel space frame ceiling structure with clerestory windows, geometric patterned carpet, and a colonnade of columns identifying the corridor connecting the auditorium wing and the recreation center.

FEATURES

Site Development:	Because the site was limited in size and incorporates a hill, the building was designed as a two-story facility. The hill was tapered down to create playfields for use by both the middle school and the adjacent high school students who will also utilize the auditorium, pool and gym for extra-curricular activities.
Floors:	Precast concrete and slab-on-grade.
Exterior Walls:	Face brick with decorative banding of split face concrete block.
Interior Walls:	CMU, steel studs, and gypsum board.
Windows:	Fixed and operable aluminum clad wood windows with integral blinds.
Roof:	Steel bar joists, metal deck and single ply membrane roofing.
Floor Finishes:	Carpet, VCT, ceramic tile, and wood gym floor.
Base:	Vinyl and ceramic.
Walls:	Painted CMU and gypsum board, tackable wall surface and vinyl fabric.
Ceilings:	2 x 2 and 2 x 4 acoustical tile, gypsum board.
HVAC:	Two hot water boilers, central air conditioning and localized heat coils with individual thermostatic controls. Digital controls sequence the systems to maintain optimal energy efficiency.
Electrical:	Parabolic louvers are used for lighting the classrooms. The commons and the pool are lit with indirect lighting. Both direct and indirect fixtures are used to light the gymnasium. The auditorium is provided with complete stage lighting, lighting board, aisle lighting and indirect wall lighting.
Special Equipment:	Fire alarm, telephone, cable TV, master clock, public address, sound systems in the pool, gym, and auditorium, elevator, and an emergency generator. The facility is planned for the high technology communication systems of the future.


FIRST FLOOR PLAN
SECOND FLOOR PLAN
MECHANICAL PENTHOUSE

SCALE

Foth & Van Dyke

DENMARK MIDDLE SCHOOL
DENMARK PUBLIC SCHOOL SYSTEM
DENMARK, WISCONSIN

COMPOSITE FLOOR PLANS
NEW DENMARK MIDDLE SCHOOL

A-3

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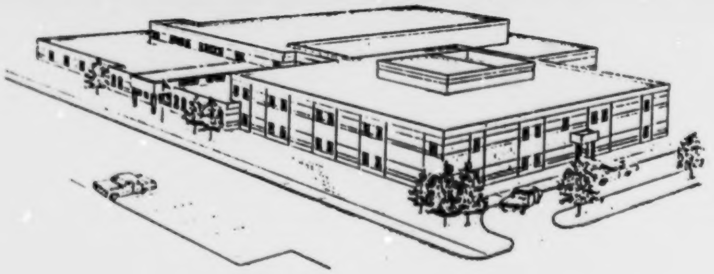


NAME OF SCHOOL: Denmark Middle School
GENERAL INFORMATION

Owner: Denmark School District

Architect: Foth & Van Dyke
Green Bay, WI
(414) 497-2500

Date Project Approved by SD: 05/92
Date Construction Start: 10/92
Date Construction Completion: 10/93

Contractor: Geo. M. Hougard & Sons
(414) 497-7777

Costs: Construction: $5,780,000
Site Work: (incl in above)

TOTAL: $5,780,000

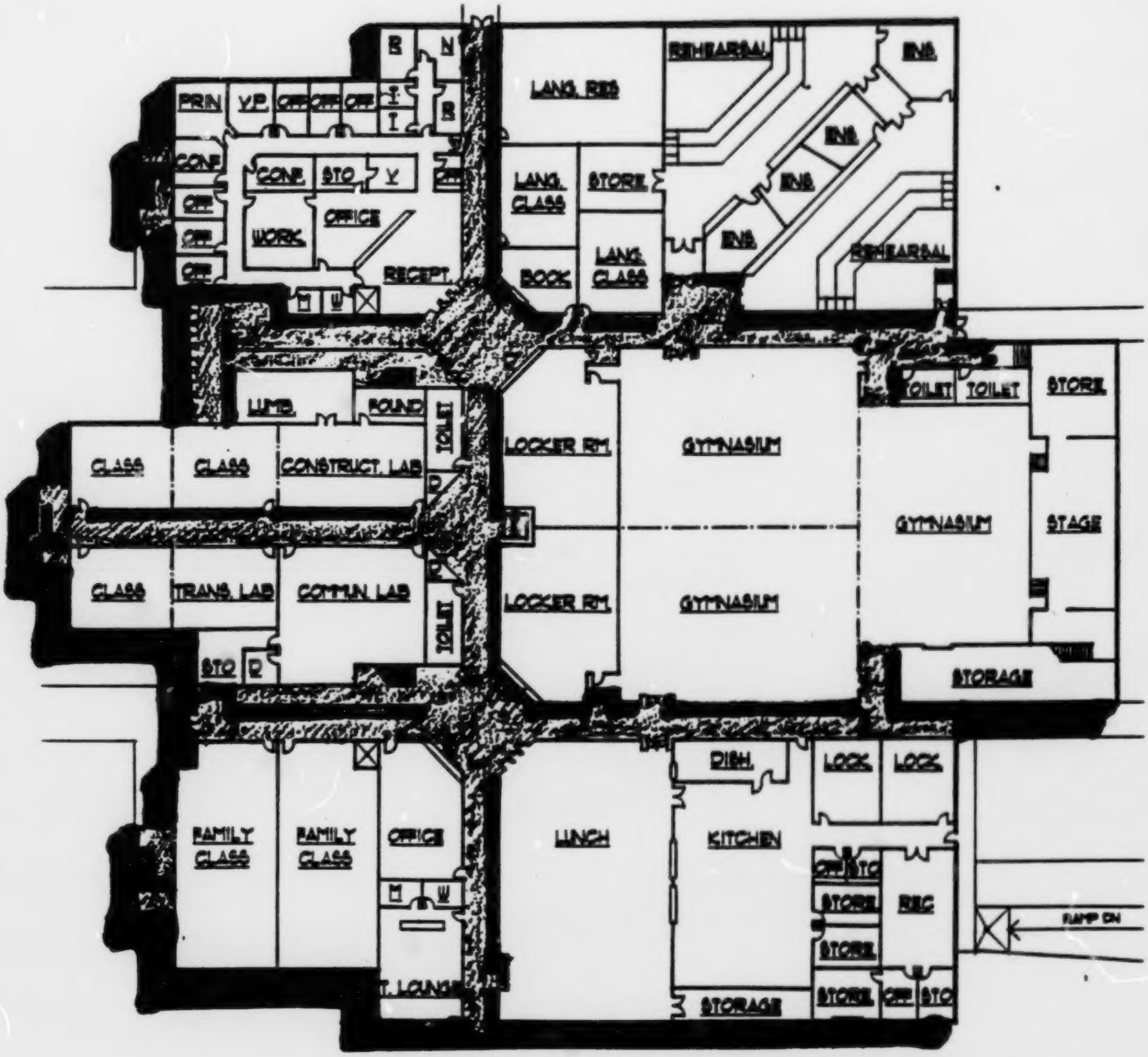
Area: Site: 7 acres
Building: 90,240 s.f.
Cost per Sq Ft: $53.50

PROJECT DESCRIPTION:

The new facility is designed to accommodate a pod system of team teaching. The noisier functions such as band, chorus, and cafeteria are separated from the quieter academic areas and the IMC. Computer networking and enhanced audio/visual capabilities will assist teachers in preparing for the 21st century. Expansion for five additional classrooms is provided above band and chorus rooms.

FEATURES

Site Development:	Clear site and create new bus staging area for middle and elementary schools. Provide Phy.Ed. area and parking for 75.
Floors:	Concrete slab on grade; precast plank with concrete topping on second floor
Exterior Walls:	Smooth and shadow stone split face concrete block with rigid insulation and concrete block back-up.
Interior Walls:	Concrete block, metal stud gypsum board walls. Moveable partitions in classrooms.
Windows:	Fixed with single hung operable aluminum clad windows, double glazed with slim shades
Roof:	Ballasted membrane roof over 4" rigid insulation, fully adhered roof over phenolic insulation
Floor Finishes:	Ceramic tile in lobby, kitchen and stairs; vinyl tile in labs and corridors of north half of school; carpet in classrooms and corridors.
Base:	Ceramic tile and vinyl base
Walls:	Painted concrete block and gypsum wallboard with vinyl-backed wall carpet with tackable surface above lockers
Ceilings:	2X2 lay-in mineral fiber acoustical tile
HVAC:	Gas fired boilers supplying two fan rooms and exterior wall fin radiation. Entire building is air conditioned using a roof-mounted chiller. Air is distributed to classrooms using fan powered VAV boxes.
Electrical:	2X4 lay-in troffer light in classrooms. 2X4 parabolic lighting in computer rooms, administration area and IMC.
Special Equipment:	Special "Classroom Instructional Technology Network" links classroom telephone, speakers, computers, and televisions to form a technology network available to teachers, parents and students.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TRANS. LAB
COMMUN. LAB
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GYMNASIUM
LOCKER RM.
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FAMILY CLASS
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KITCHEN
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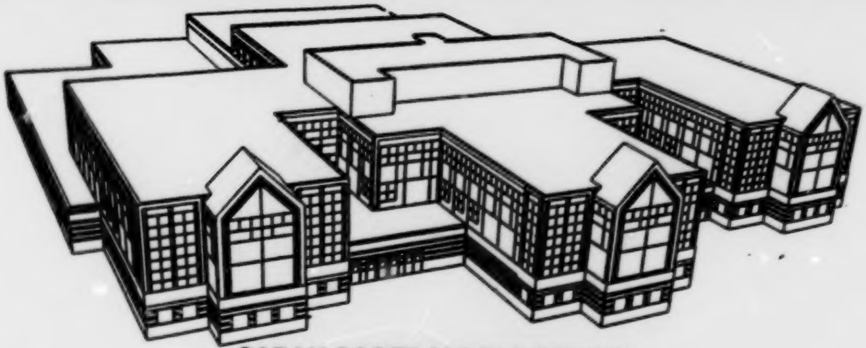
RAMP DN

FIRST FLOOR PLAN

SARAH SCOTT MIDDLE SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



SARAH SCOTT MIDDLE SCHOOL
MILWAUKEE, WISCONSIN
GENERAL INFORMATION

Owner: Milwaukee Public Schools
Dr. Howard Fuller, Superintendent

Date Project Approved by S.D.: August, 1989
Date Construction Start: May, 1990
Date Construction Completion: September, 1991

Costs:		
	Construction:	$11,140,000.00
	Site Work:	440,000.00
	Equipment:	1,400,000.00
	TOTAL:	$12,980,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350
Zimmerman Design Group
(414)476-9500

Contractor: Hunzinger Construction Co.
(414)797-0797

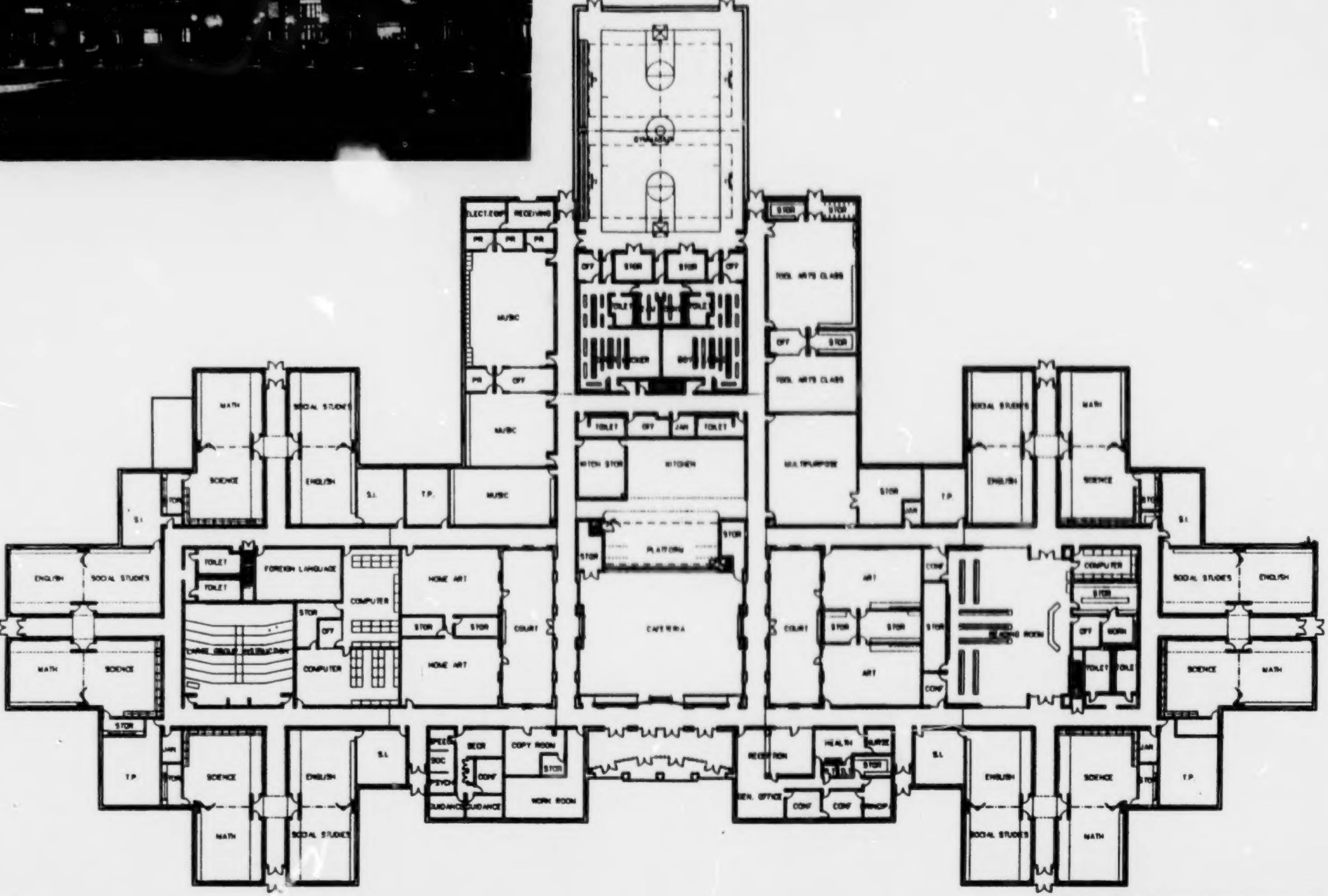
Area:		
	Site:	7 Acres
	Building:	155,000 s.f.

Cost per Sq. Ft.: $83.74

PROJECT DESCRIPTION: A new Middle School designed around the house concept, with an emphasis of flexibility. The first floor provides support and specialty areas to the classroom houses on the upper two floors.

FEATURES

Site Development:	Two city blocks were consolidated by a street abandonment to provide paved parking and play areas, as well as plenty of green space.
Floors:	Cast-in-place concrete.
Exterior Walls:	Single wythe decorative concrete masonry units with furring and drywall on interior at first floor, E.I.F.S. on metal studs at second and third floors.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, fixed and hopper aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in corridors, and carpet in classrooms, offices, and library.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 2' and 2' x 4 lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units. A.C. throughout.
Electrical:	2' x 4' lay-in lighting fixtures, typically.


GYMNASIUM
ELECT/EQUIP
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PR
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MUSIC
GIRLS LOCKER
BOYS LOCKER
TOILET
TOOL ARTS CLASS
MULTIPURPOSE
KITCHEN
KITCH STOR
JAN
PLATFORM
CAFETERIA
COURT
MATH
SCIENCE
SOCIAL STUDIES
ENGLISH
S.I.
T.P.
FOREIGN LANGUAGE
LARGE GROUP INSTRUCTION
COMPUTER
HOME ART
ART
READING ROOM
WORK
CONF
RECEPTION
HEALTH
NURSE
GEN. OFFICE
COPY ROOM
WORK ROOM
GUIDANCE
PSYCH
SOC
SPEECH

Oak Creek Middle School Floor Plan

Plunkett Raysich Architects

NAME OF SCHOOL: Oak Creek West Middle School

GENERAL INFORMATION

Owner: Oak Creek/Franklin Joint School District
Robert Peck, Business Manager

Date Project Approved by S.D: Sept. 1991
Date Construction Start: June 92
Date Construction Completion: August, 1993

Architect: Plunkett Raysich Architects
(414) 359-3060

Construc. Mgr: Grunau Project Dev.
(414) 272-0411

Area: Site: 22 acres
Building: 108,000 sq. ft.

Costs:		
	Construction:	$ 7,802,000
	Site Work:	$ 430,000
	Equipment:	$ 1,378,000
	TOTAL:	$10,490,000

Cost per Sq. Ft.: $72.24

PROJECT DESCRIPTION: The Oak Creek/ Franklin School Board was faced with increasing enrollment and the desire to convert from a junior high school curriculum into a middle school curriculum. The result is the creation of a new middle school utilizing the "House Concept". The design and construction of a new 108,000 square foot middle school for 625 students calls for the mainstreaming of the special education program as well as functional flexibility to meet the changing demands of the educational program. The school district asked for a sloped roof system to minimize flat roof problems which plagued them in the past. The volume of space created by slope roofs was economically utilized for mechanical space.

FEATURES

Site Development: The building is fully expandable. Not only can additional classrooms be added, but also the support spaces like the cafeteria, gym, shop, music and IMC can be added onto.

Floors:

Exterior Walls:

Interior Walls:

Windows: Aluminum windows were used that match the roof color. All rooms have operable windows. Dormer & clearstory windows provide natural light to interior spaces.

Roof: Standing seam metal roof was used to provide years of problem free roof construction.

Floor Finishes:

Base:

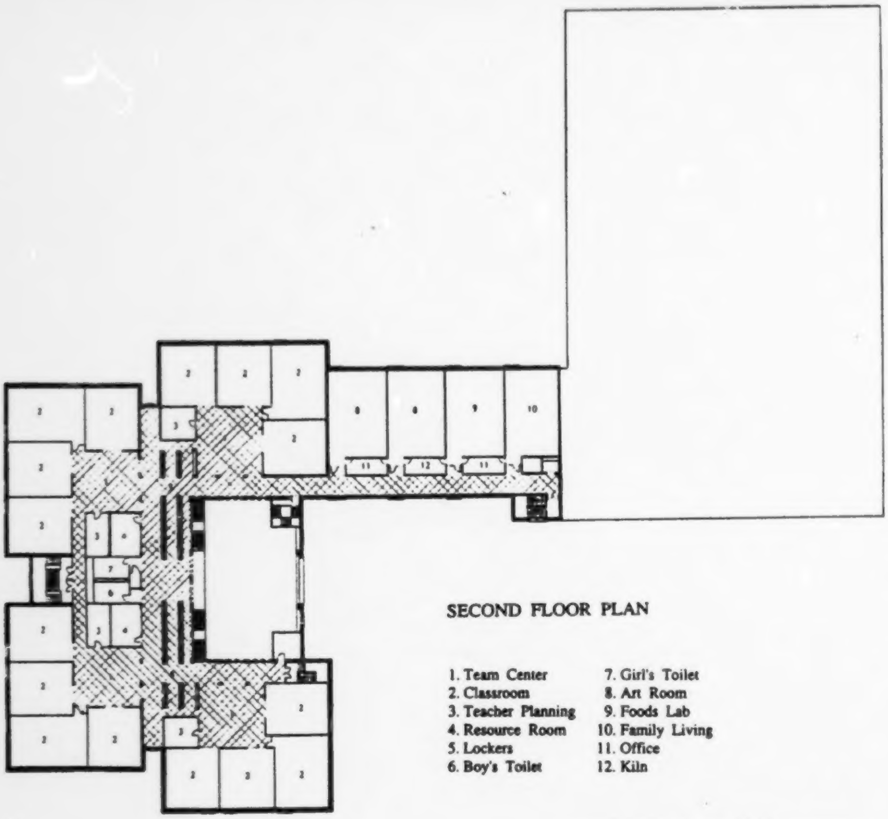
Walls: tackable wall surface in all classrooms provides an abundance of display space.

Ceilings:

HVAC: The building is fully air conditioned.

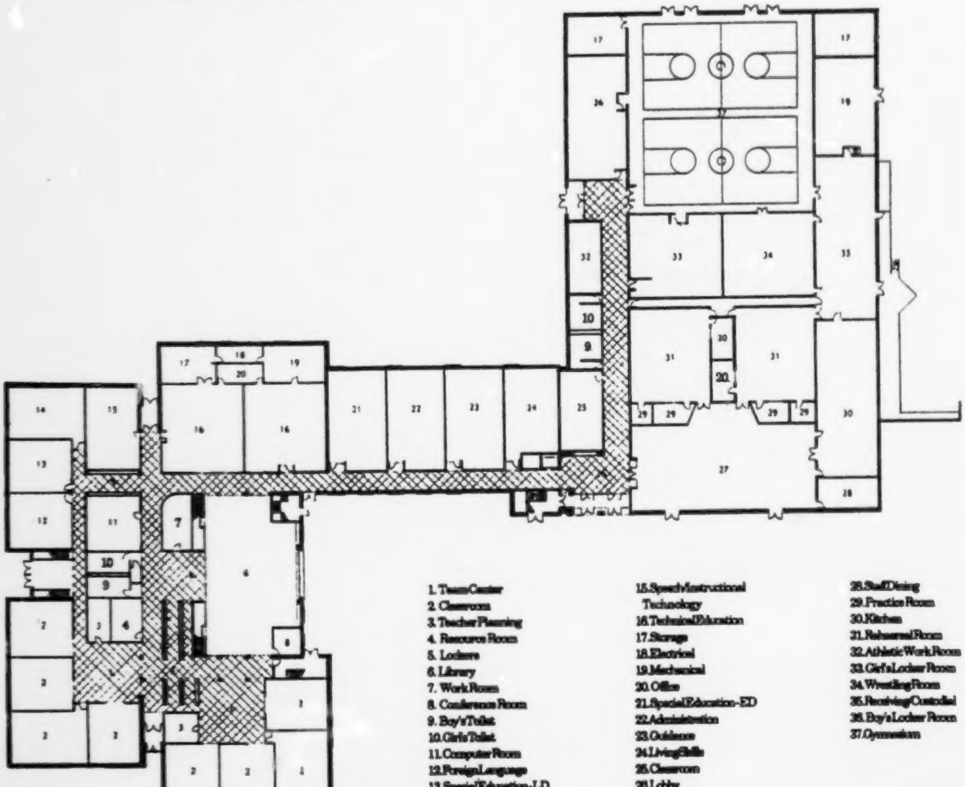
Electrical:

Special Equipment: A cable tray provides a wiring expressway to allow the school to easily add or change technologies as they develop.



SECOND FLOOR PLAN

1. Team Center
2. Classroom
3. Teacher Planning
4. Resource Room
5. Lockers
6. Boy's Toilet
7. Girl's Toilet
8. Art Room
9. Foods Lab
10. Family Living
11. Office
12. Kiln



1. Team Center
2. Classroom
3. Teacher Planning
4. Resource Room
5. Lockers
6. Library
7. Work Room
8. Conference Room
9. Boy's Toilet
10. Girls Toilet
11. Computer Room
12. Foreign Language
13. Special Education-LD
14. Multi-Purpose
15. Speech/Instructional Technology
16. Technical Education
17. Storage
18. Electrical
19. Mechanical
20. Office
21. Special Education-ED
22. Administration
23. Guidance
24. Living Skills
25. Classroom
26. Lobby
27. Cafeteria
28. Staff Dining
29. Practice Room
30. Kitchen
31. Rehearsal Room
32. Athletic Work Room
33. Girl's Locker Room
34. Wrestling Room
35. Receiving/Custodial
36. Boy's Locker Room
37. Gymnasium

N

FIRST FLOOR PLAN

OREGON MIDDLE SCHOOL
OREGON, WISCONSIN

HGA

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NAME OF SCHOOL: Oregon Middle School

GENERAL INFORMATION

Owner: Oregon School District
Linda Barrows, Superintendent

Date Project Approved by S.D.: March 9, 1992
Date Construction Start: March 23, 1992
Date Construction Completion: January 1, 1993

Cost:		
	Construction:	$6,071,690.00
	Site Work:	470,000.00
	Equipment:	428,000.00
	TOTAL:	$6,969,690.00

Architect: Hammel, Green and Abrahamson, Inc.
(414) 278-8200

Contractor: Vogel Brothers Building Company
(608) 241-5454

Area: Site: 23.83 Acres
Building: 115,000 Sq. Ft.

Cost Per Sq. Ft.: $60.00/SF

PROJECT DESCRIPTION: New middle school for 700 students, programmed to accommodate interdisciplinary team teaching, clustered classrooms (25) arranged around a 2-story library/IMC. Program allowed school to be opened to public for evenings, weekend civic and educational events. Groups of classrooms clustered around team centers called "HOMES."

FEATURES

Site Development: New track, outdoor volleyball, 2-softball diamonds, 2-soccer fields, paved playground, paved parking and gutters.

Floors: Concrete slab-on grade at first and steel joist with concrete topping at second floor.

Exterior Walls: Face brick, 2" rigid insulation and concrete block.

Interior Walls: Concrete block and veneer plaster on steel studs at corridor walls and classrooms.

Windows: Fixed aluminum windows, double glazed.

Roof: Sloped steel bar joist and metal deck with R-20 min. rigid insulation and a ballasted single ply membrane.

Floor Finishes: Porcelain tile in vestibules and ceramic tile in locker rooms and restrooms, wood gym floor, resinous kitchen floor with carpet in remainder of building.

Base: Porcelain tile, ceramic tile, resinous base and vinyl base.

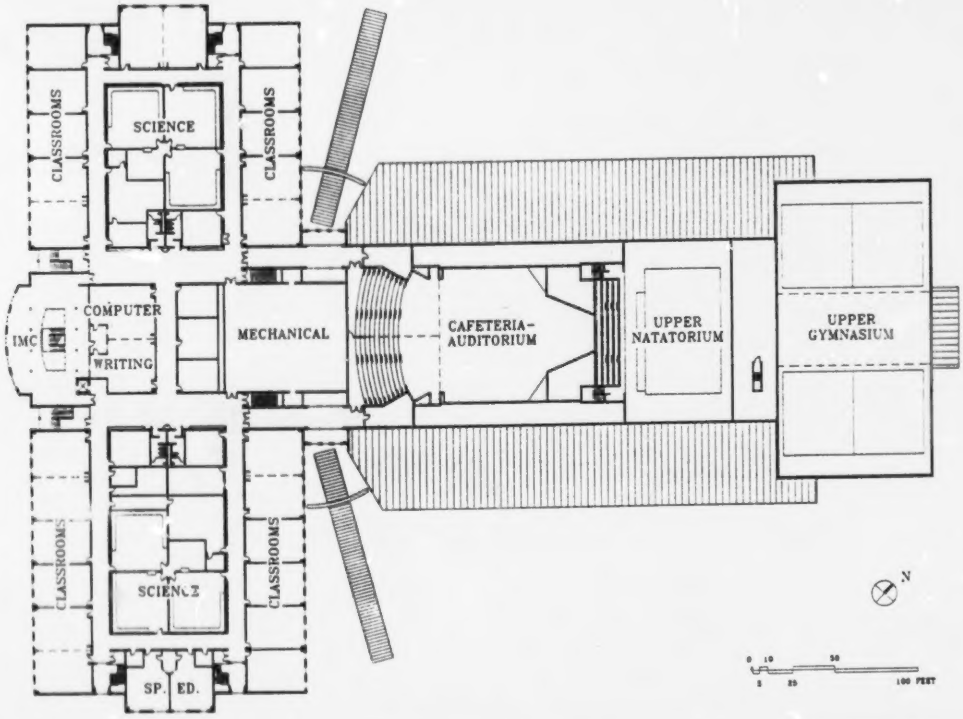
Walls: Painted concrete blocks or plaster in corridors, classrooms and offices; ceramic tile in showers.

Ceilings: 2x4 lay-in mineral fiber acoustical tile and painted drywall.

HVAC: Gas fired boilers serving perimeter ceiling radiant heating units and air handling units. VAV boxes for heating and air conditioning throughout.

Electrical: 1x4 and 2x4 lay-in troffer lighting with accent lighting throughout; HID lighting in gymnasium.

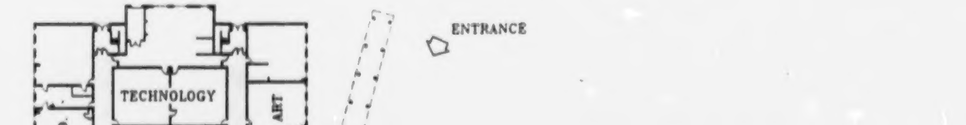
Special Equipment: Fire alarm system, smoke and heat detectors; passenger elevator; audio-visual tech stations in every instructional area.


CLASSROOMS
SCIENCE
CLASSROOMS
IMC
COMPUTER
WRITING
MECHANICAL
CAFETERIA-AUDITORIUM
UPPER NATATORIUM
UPPER GYMNASIUM
CLASSROOMS
SCIENCE
CLASSROOMS
SP. ED.
N
0 10 50
5 25 100 FEET

SECOND FLOOR PLAN

HORACE MANN MIDDLE SCHOOL
WAUSAU SCHOOL DISTRICT
WAUSAU, WISCONSIN

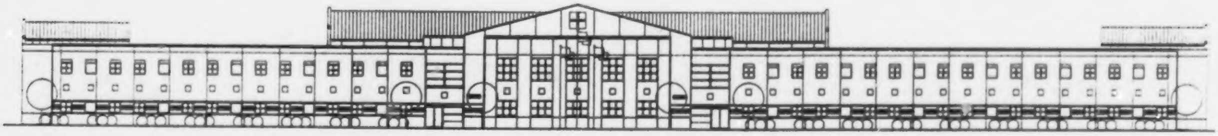
Seymour Davis Seymour


ENTRANCE
TECHNOLOGY
ART
FAMILY ED.
STUDENT SERVICES
MUSIC
LOCKER ROOM
IMC
ADMINISTRATION
CAFETERIA-AUDITORIUM
NATATORIUM
GYMNASIUM
KITCHEN
MECH.
LOCKER ROOM
CLASSROOMS
SCIENCE
CLASSROOMS
SPECIAL ED.
ENTRANCE
N
0 10 50
5 25 100 FEET

FIRST FLOOR PLAN

HORACE MANN MIDDLE SCHOOL
WAUSAU SCHOOL DISTRICT
WAUSAU, WISCONSIN

Seymour Davis Seymour



NAME OF SCHOOL: HORACE MANN MIDDLE SCHOOL

GENERAL INFORMATION

Owner:
Wausau School District
Penelope Kleinhans, District Administrator

Date Project Approved by S.D: October 1991
Date Construction Start: March 1992
Date Construction Completion: August 1993

Costs:		
	Construction:	$12,384,667
	Site Work:	$1,527,912
	Equipment:	$1,200,000
	TOTAL:	$15,112,579

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Contractor: Miron Construction Company, Inc.
(414) 749-3060

Area: Site: 38.4 acres
Building: 207,000

Cost per Sq. Ft: $73.00

PROJECT DESCRIPTION: 1,200 student (grades 6-8) middle school. Two story classroom and IMC areas. Cafeteria also functions as an auditorium (cafetorium), with raised platform at one end and sloped theater type seating at the other.

FEATURES

Site Development: Parking, landscaping, football field, soccer, softball, playground equipment and site irrigation.

Floors: Concrete slab on grade.

Exterior Walls: Face brick, 1 1/2" rigid insulation, masonry.

Interior Walls: Masonry - glazed concrete block, painted block in classrooms and corridors, gypsum board in offices.

Windows: Aluminum, fluoropolymer finish.

Roof: EPDM, adhered / metal standing seam over 3" minimum rigid insulation on steel open web joists.

Floor Finishes: Terrazzo, terrazzo tile in corridors, carpet and resilient in classrooms and offices, resinous at pool, kitchen and lockerooms.

Base: Terrazzo, precast terrazzo, ceramic tile, resilient.

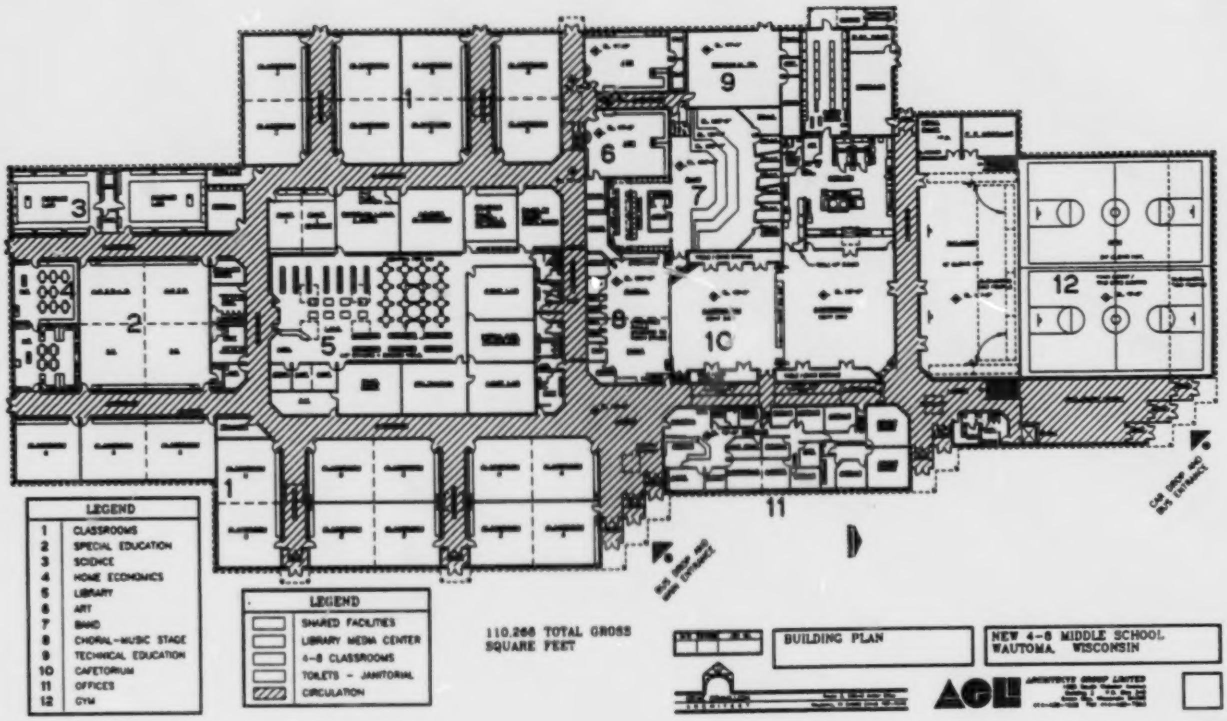
Walls: Glazed block at corridors, lockers and toilets, painted block, painted gypsum.

Ceilings: 2 x 2, 2 x 4 suspended acoustical tiles.

HVAC: Gas fired boilers - VAV boxes for heating and cooling. Entire school, including gym, is air conditioned. Pool has special dehumidification equipment.

Electrical: 1 x 4, 2 x 4 lay-in troffer lighting, direct/indirect suspended at IMC, parabolic lenses at labs and computer areas.

Special Equipment: Complete video/data/voice system throughout school. Swimming pool has automatic regenerative filter. Folding bleachers. Natural gas emergency power generator and fire alarm system.


1
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12
CAR DROP AND BUS ENTRANCE
BUS DROP AND MAIN ENTRANCE

LEGEND	
1	CLASSROOMS
2	SPECIAL EDUCATION
3	SCIENCE
4	HOME ECONOMICS
5	LIBRARY
6	ART
7	BAND
8	CHORAL-MUSIC STAGE
9	TECHNICAL EDUCATION
10	CAFETORIUM
11	OFFICES
12	GYM

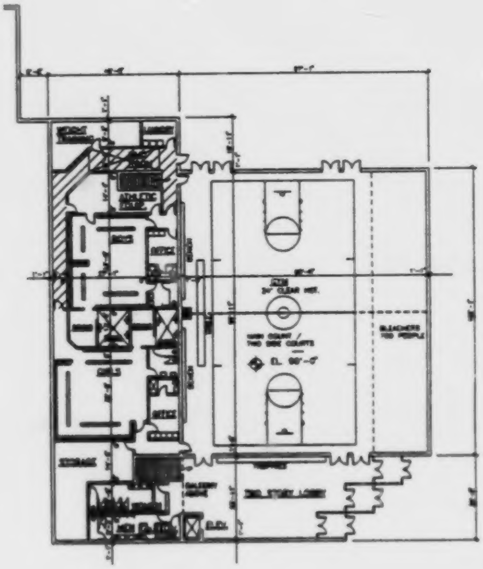
LEGEND	
☐	SHARED FACILITIES
☐	LIBRARY MEDIA CENTER
☐	4-8 CLASSROOMS
☐	TOILETS - JANITORIAL
▨	CIRCULATION

110.266 TOTAL GROSS
SQUARE FEET

BUILDING PLAN

NEW 4-8 MIDDLE SCHOOL
WAUTOMA, WISCONSIN

AGL ARCHITECTS GROUP LIMITED


GYM
24' CLEAR HGT.
BLEACHERS
STORAGE
TWO STORY LOBBY
ELEV.

LOWER LEVEL FLOOR PLAN

SCALE 1/16" = 1' - 0"

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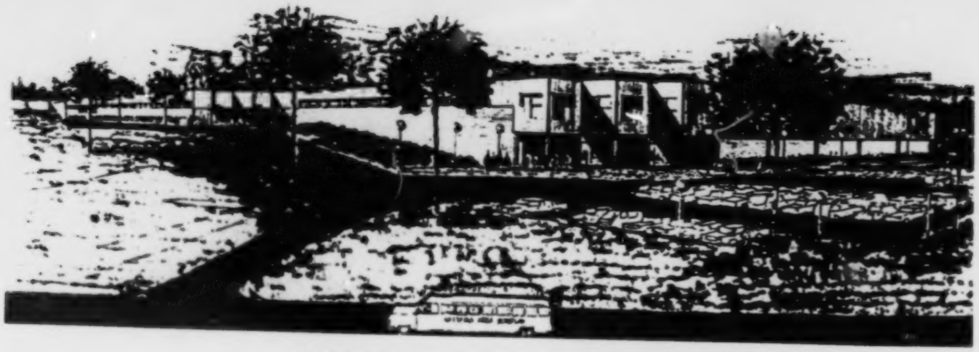


NAME OF SCHOOL: Parkside Middle School

GENERAL INFORMATION

Owner: Wautoma Area School District
Cliff Hudson, District Administrator

Architect: Gene Cravillion / AGL
(414) 787-7476

Date Project Approved by S.D: April 1992
Date Construction Start: June 1992
Date Construction Completion: August1993

Contractor: Westra Construction
(414) 324-3545

Costs:		
	Construction:	$4,666,434.00
	Site Work:	290,215.00
	Equipment:	484,894.00
	TOTAL:	**$5,441,543.00**

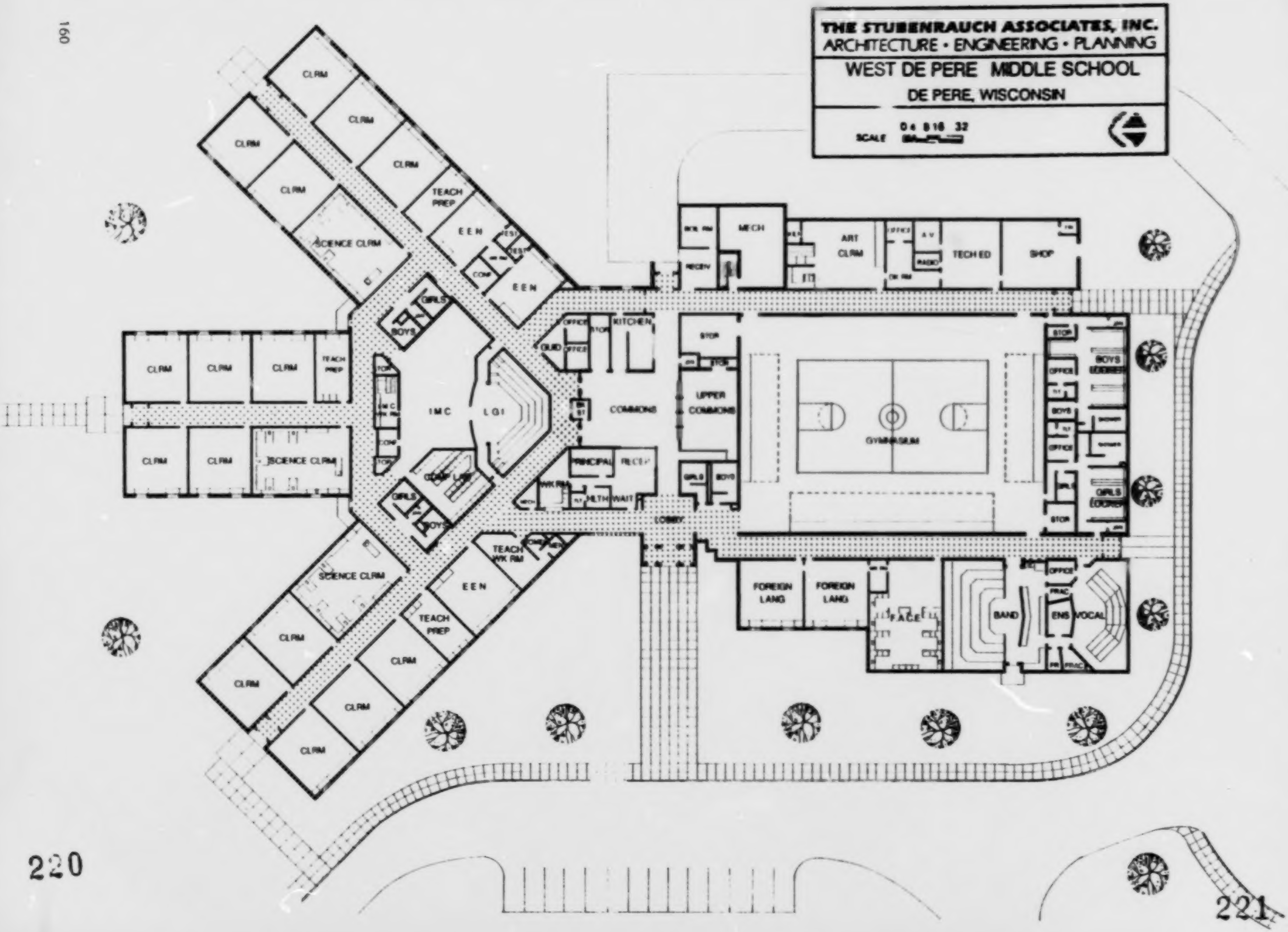
Area: Site: 37 Acres
Building: 112,000 sq. ft.

Cost per Sq. Ft.: $48.50 (for new)

PROJECT DESCRIPTION: A 112,000 S. F. new building, 30 class rooms 4th thru 8th, IMC, 4 special education, computer lab, reading room, production, 2 art, 1 music, tech. ed., band, choral, cafetorium, prep. kitchen with district food storage, 3 phy. ed. station gym with bleachers, central offices.

FEATURES

Site Development:	Two level gym takes advantage of sloped lot. Paved parking for 240 cars, large paved play area, football and 3 softball fields. Completely landscaped with irrigation system.
Floors:	Concrete Slab-on grade and pre-cast concrete at gym balcony.
Exterior Walls:	Decorative concrete block, 2" rigid insulation, 8" concrete block insulated.
Interior Walls:	Concrete block corridor and classroom. Operable walls between classrooms
Windows:	Fixed and operable, 1" insulated glass, low E, mini blinds in glass.
Roof:	Sloped steel bar joists and metal deck with R-38 rigid insulation and ballasted single ply membrane. All slopes to exterior.
Floor Finishes:	Quarry tile in entry and toilets, vinyl tile at wet areas of classrooms. Carpet in corridors, IMC, classrooms. Gym floor--wood.
Base:	Quarry tile and recessed painted.
Walls:	Concrete block painted in corridors and classrooms with 2'-0" high tack. Fabric at operable walls.
Ceilings:	Mineral fibre acoustic tile, 2 X 4 in classrooms, 2 X 2 in IMC. Exposed structure painted in gym, cafeteria
HVAC:	Gas fired boilers high efficiency, serving air handling units controlled by pneumatic thermostats, variable air volume.
Electrical:	2 X 4 lay-in troffer. Paralouve fixtures in IMC and computer lab. All classrooms, IMC wired for computers and cable access with television sets mounted on wall brackets.
Special Equipment:	Fire, smoke alarms, telephones to each teaching area and offices.


THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING
WEST DE PERE MIDDLE SCHOOL
DE PERE, WISCONSIN
SCALE
0 4 8 16 32
CLRM
SCIENCE CLRM
TEACH PREP
EEN
COMP
GIRLS
BOYS
IMC
LGI
COMP LAB
TEACH WK RM
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COMMONS
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ART CLRM
OFFICE
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RADIO
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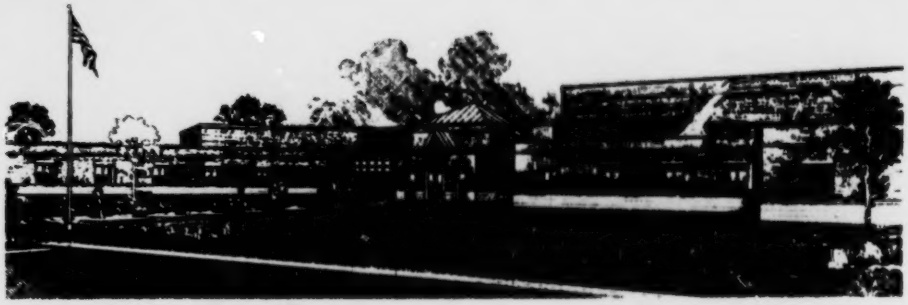
PRAC



WEST DEPERE MIDDLE SCHOOL

GENERAL INFORMATION

Owner: West DePere School District
Randy Freese, District Administrator

Date Construction Start: April 1992
Date Construction Completion: September 1993

Costs: **Construction:** $4,352,000

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: J. C. Basten
(414) 435-4425

Area: **Site:** 40 acres
Building: 80,000 sq. ft.

Cost per Sq. Ft.: $54.40

PROJECT DESCRIPTION: This facility was designed for grade 6-8 with a building capacity of 400 students.

FEATURES

Site Development:	Included parking for 65 cars with separate drop-off for parents and buses.
Floors:	Carpet with vinyl tile in the commons, FACE, and science rooms. Wood floor in the Gymnasium.
Exterior Walls:	A split-face block was used at the base of the building with the remainder being brick.
Interior Walls:	Painted concrete block.
Windows:	Fixed aluminum windows with slimshades.
Roof:	Ballasted EPDM and standing seam metal roof.
Base:	Vinyl
Walls:	Painted concrete block.
Ceilings:	The ceilings are acoustical lay-in with special treatment used in areas such as the IMC and commons.
HVAC:	Gas fired forced air system with air conditioning.
Electrical:	120/208 volt 3 phase with 20-30% expansion. The lighting is generally high energy efficient fluorescent fixtures with prismatic type lenses. Special architecturally styled lighting was used in areas such as the IMC, Commons and Music rooms.

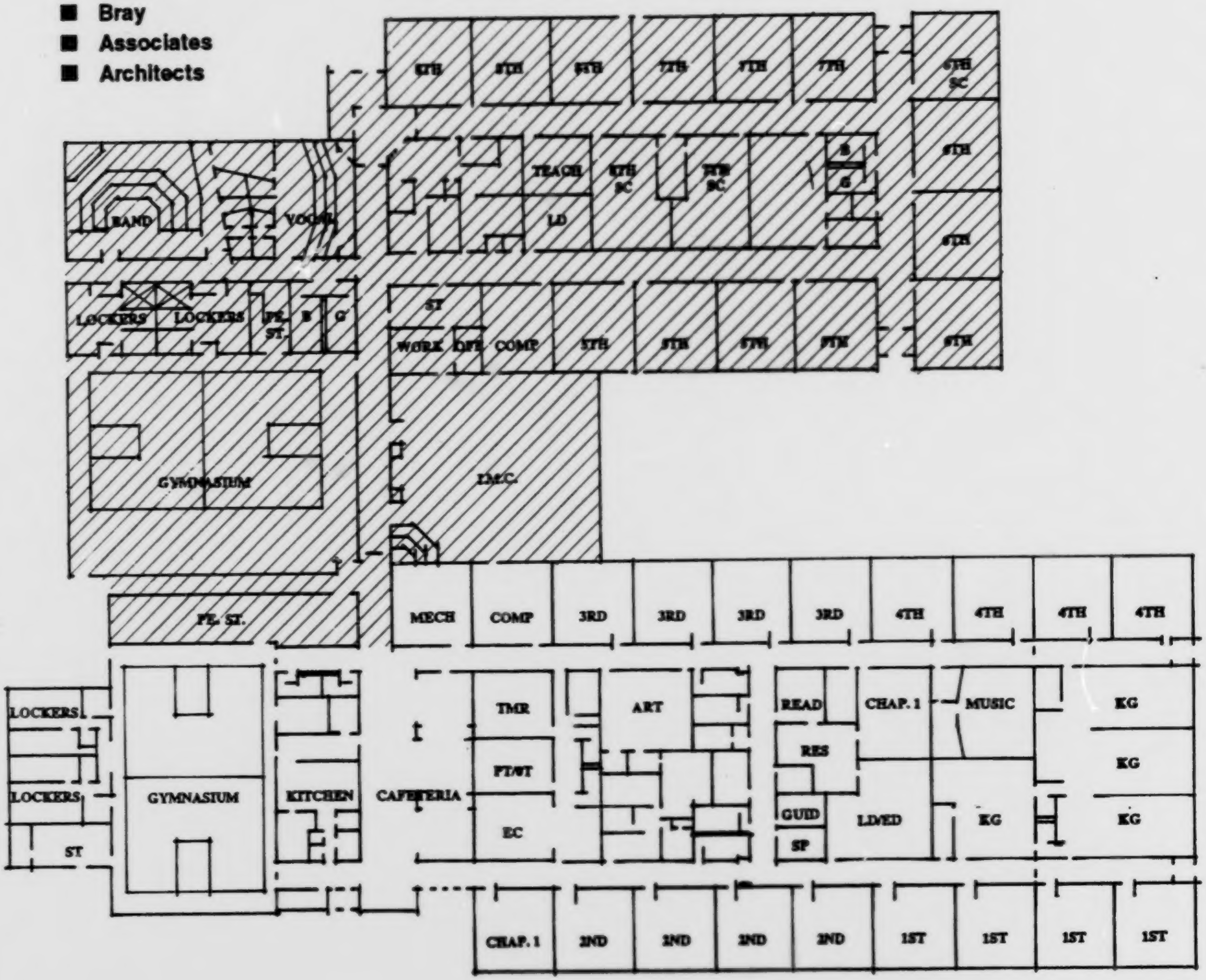
4. Middle Schools: Additions and Remodeling

Chilton
Clintonville
DeSoto
Durand
East Troy
Elkhorn
Freedom
Glenwood City
Green Bay
Hamilton
Kenosha
Manitowoc
Middleton-Cross Plains
Milwaukee
Oak Creek-Franklin
Onalaska
Oostburg
Plum City
Rosholt
Shorewood
South Milwaukee
Tomahawk
Waukesha
Wausau

Chilton Middle School

Chilton, Wisconsin

- ■ **Bray**
- ■ **Associates**
- ■ **Architects**


8TH
8TH
8TH
7TH
7TH
7TH
6TH SC
BAND
VOCAL
TEACH
LD
8TH SC
7TH SC
B
G
6TH
6TH
LOCKERS
LOCKERS
PE. ST.
B
G
ST
WORK
OFF
COMP
5TH
5TH
5TH
5TH
6TH
GYMNASIUM
I.M.C.
PE. ST.
MECH
COMP
3RD
3RD
3RD
3RD
4TH
4TH
4TH
4TH
LOCKERS
LOCKERS
ST
GYMNASIUM
KITCHEN
CAFETERIA
TMR
PT/OT
EC
ART
READ
RES
GUID
SP
CHAP. 1
LD/ED
MUSIC
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KG
KG
KG
KG
CHAP. 1
2ND
2ND
2ND
2ND
1ST
1ST
1ST
1ST

NAME OF SCHOOL: CHILTON MIDDLE SCHOOL ADDITION

GENERAL INFORMATION

Owner: Chilton School District
Dr. Wayne DeMaster, District Administrator

Date Project Approved by S.D: January 1990
Date Construction Start: May 1990
Date Construction Completion: January 1991

Costs:

Construction:	**$2,378,564**
Site Work:	**$100,000**
Equipment:	**$250,000**
TOTAL:	**$2,728,564**

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Hamann Construction Co.
(414) 682-8282

Area: Site: Existing
Building: 60,000 SF New
4,500 SF Remodeling
Cost per Sq. Ft.: $45.46

PROJECT DESCRIPTION: A middle school addition for grades 5-8 and miscellaneous remodeling to the existing K-4 building with mutual physical education, music, cafeteria, and IMC facilities.

FEATURES

Site Development: The existing site was expanded with parking and physical education fields.

Floors: Concrete slab on grade.

Exterior Walls: Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.

Interior Walls:. Concrete block corridor walls and classroom walls.

Windows: Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.

Roof: Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.

Floor Finishes: Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office, IMC, and classrooms.

Base: Ceramic tile and vinyl.

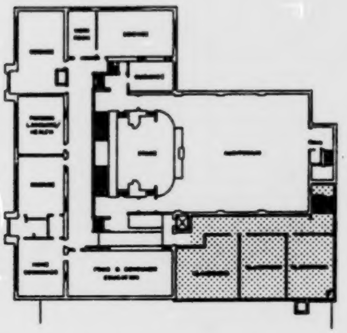
Walls: Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.

Ceilings: 2 x 4 lay-in mineral fiber acoustical tile.

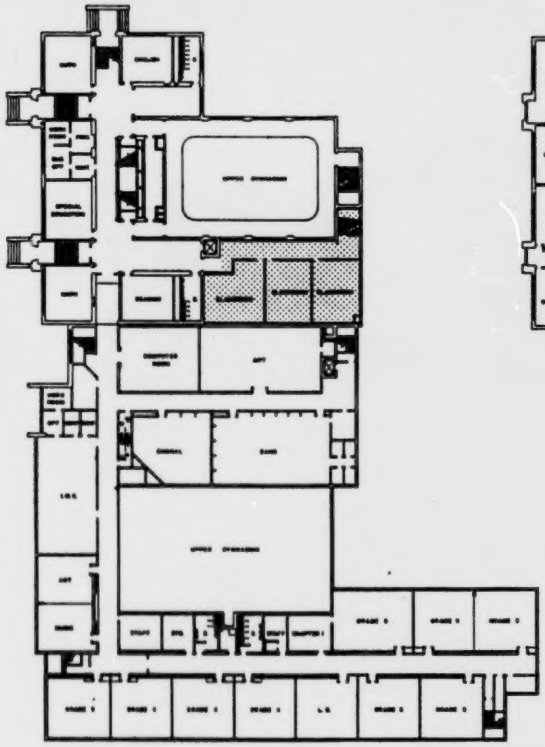
HVAC: Multiple gas-fired boilers serve perimeter radiation and heating coils in duct work. Office area and IMC are air conditioned.

Electrical: 2 x 4 lay-in troffer lighting in classrooms and offices, parabolic in computer labs, site lighting, telephone, cable television, clock, intercom system, and fire alarm systems.

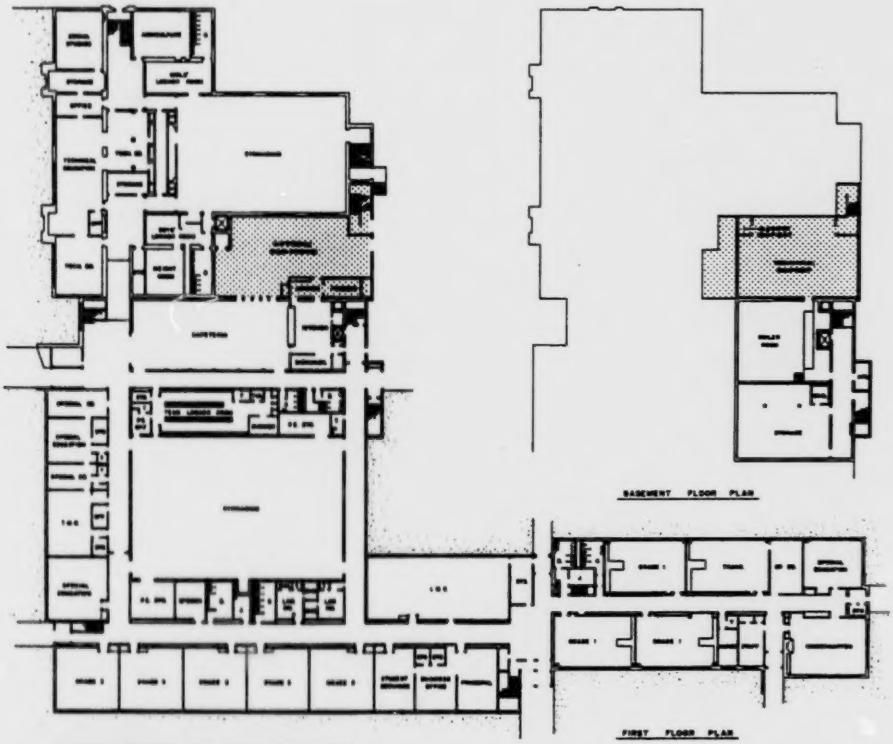
Special Equipment: Fire alarm system, clock, and bell system.



THIRD FLOOR PLAN



SECOND FLOOR PLAN



BASEMENT FLOOR PLAN

FIRST FLOOR PLAN

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

CLINTONVILLE JUNIOR HIGH SCHOOL

CLINTONVILLE, WISCONSIN

CLINTONVILLE JUNIOR HIGH SCHOOL

GENERAL INFORMATION

Owner: Clintonville School District
Jerald Schoenike, District Administrator

Date Construction Start: July 1992
Date Construction Completion: May 1993

Costs: **Construction:** $448,000

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: George M. Hougard
(414) 497-7777

Area: **Site:** 174,700 sq. ft.
Building: 12,240 sq. ft. addition

Cost per Sq. Ft.: $36.60

PROJECT DESCRIPTION: A four-level addition consisting of kitchen and cafeteria expansion on first floor; three classrooms each on second and third floors; and mechanical and storage areas in the basement.

FEATURES

Site Development: Reworking of asphalt paved delivery drive.

Floors: Concrete slab-on-grade in basement and precast concrete plank with topping for remaining levels.

Exterior Walls: Face brick, 2" rigid insulation, and concrete masonry back-up.

Interior Walls: Concrete masonry.

Windows: Single-hung metal-clad wood windows with double glazed, Low-E glass.

Roof: Precast concrete plank with R-20 rigid flat insulation, tapered insulation, and ballast single-ply roof membrane.

Floor Finishes: Vinyl composition tile in cafeteria expansion and classrooms; quarry tile in kitchen expansion.

Base: Resilient in tiled areas; quarry tile in kitchen.

Walls: Painted concrete masonry.

Ceilings: Suspended lay-in.

HVAC: Gas-fired forced air with variable volume boxes for individual areas. Fully air conditioned.

Electrical: 2' x 4' lay-in fluorescent lighting throughout; compatible alarm, PA, and clock system extensions.

Special Equipment: Extensive food service equipment additions/modifications.

No Floor Plan
Provided

NAME OF SCHOOL: DeSOTO MIDDLE SCHOOL

GENERAL INFORMATION

Owner: DeSoto Area School District

Date Project Approved by S.D: May 7, 1992
Date Construction Start: September 1, 1992
Date Construction Completion: August 1, 1993

Costs:		
	Construction:	$614,000
	Site Work:	20,000
	Equipment:	53,000
	TOTAL:	**$687,000**

Architect: R. J. Sullivan
(608) 784-0040

Contractor: R. J. Sullivan, Inc.
(608) 784-0040

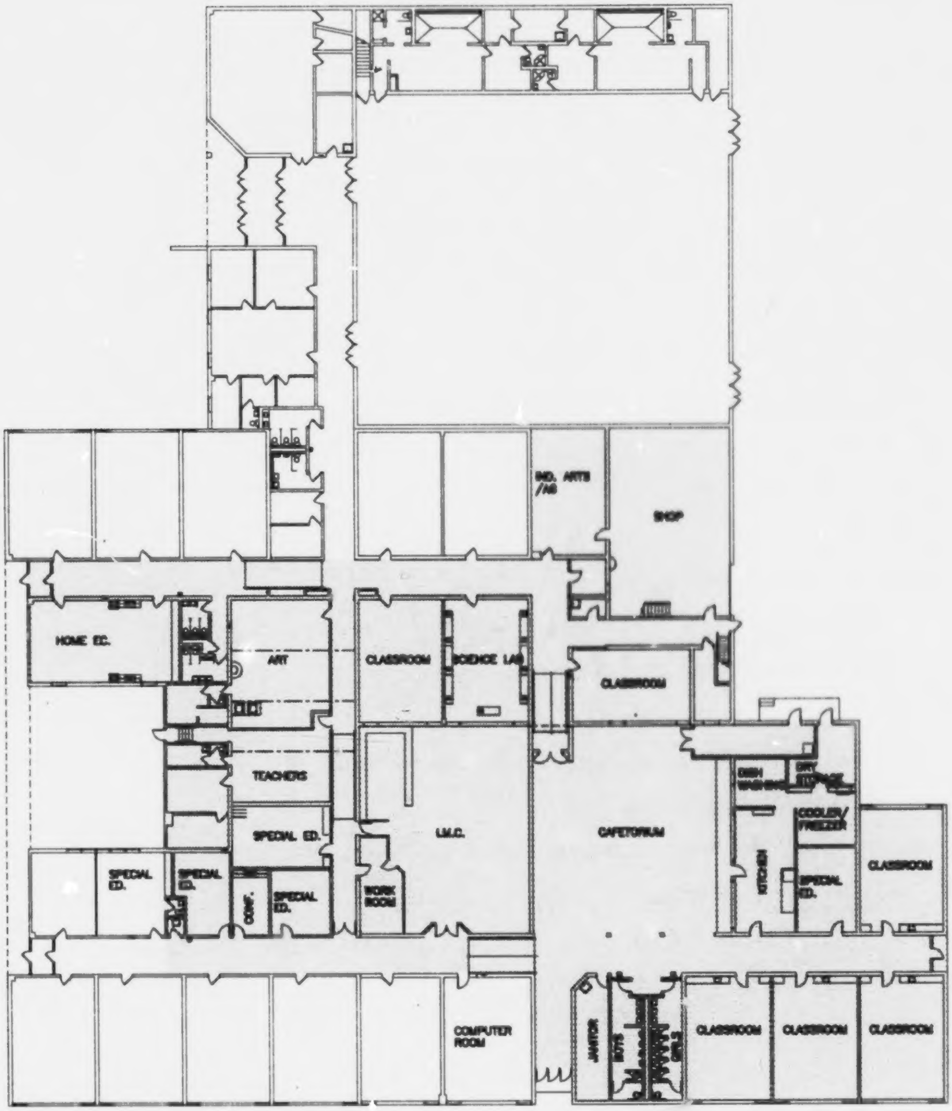
Area: Site:
Building: 10,000 sq. ft.

Cost per Sq. Ft.: $68.70

PROJECT DESCRIPTION: I5 Classrooms, Science Lab, Multipurpose Room, Student Commons, Restrooms, Lockers, Conference Room, Administrative Offices

FEATURES

Site Development:	Remove existing parking lot and well, install new well
Floors:	Concrete Slab-on-Grade
Exterior Walls:	Face Brick, 2" Rigid Insulation, Insulated Concrete Block
Interior Walls:	Concrete Masonry Units
Windows:	Awning Type Aluminum nsulated Windows with Blinds
Roof:	Bar Joist Framing with Insul Basket System, and Sloped Continuous Standing Seam Roof
Floor Finishes:	VCT at Commons and Corridors, Carpet at Classrooms, Ceramic Tile in Restrooms
Base:	Vinyl and Ceramic
Walls:	Painted
Ceilings:	2 x 4 lay-in in Classrooms, 2 x 2 reveal Edge in Commons and Corridors, Skylights in Corridors
HVAC:	Gas Forced Air with AC at Administrative Offices. Boiler Fired Unit Vent at Classrooms
Electrical:	2 x 4 Energy Saving lighting throughout, Computer and T.V. hook ups at all Classrooms and Commons
Special Equipment:	Fire Alarm System, Intercom System, Clock and Bell System


IND. ARTS /AG
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HOME EC.
ART
CLASSROOM
SCIENCE LAB
CLASSROOM
TEACHERS
SPECIAL ED.
L.M.C.
CAFETORIUM
DISH WASHING
DRY STORAGE
COOLER/ FREEZER
KITCHEN
SPECIAL ED.
CLASSROOM
SPECIAL ED.
SPECIAL ED.
CONF.
SPECIAL ED.
WORK ROOM
COMPUTER ROOM
JANITOR
BOYS
GIRLS
CLASSROOM
CLASSROOM
CLASSROOM

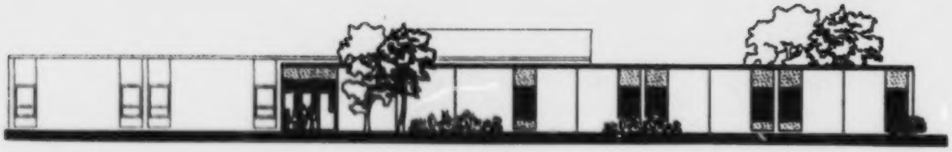
ARKANSAW MIDDLE SCHOOL
ARKANSAW, WISCONSIN

FIRST FLOOR PLAN

☐ NEW CONSTRUCTION

☐ EXISTING REMODELING

architects engineers land surveyors planners
cedar corporation
604 wilson avenue
menomonie, wisconsin 54751
715-235-9081
800-472-7372



NAME OF SCHOOL: ARKANSAW MIDDLE SCHOOL, ARKANSAW, WISCONSIN

GENERAL INFORMATION

Owner: School District of Durand
Vaughn Hoffman, District Administrator

Architect: Cedar Corporation
(715) 235-9081

Date Project Approved by S.D.: November 1991
Date Construction Start: March 15, 1992
Date Construction Completion: August 20, 1992

Contractor: G.T. Construction of Eau Claire
(715) 839-7119

Area: Site: 12 acres
Building: 59,400 sq. ft.

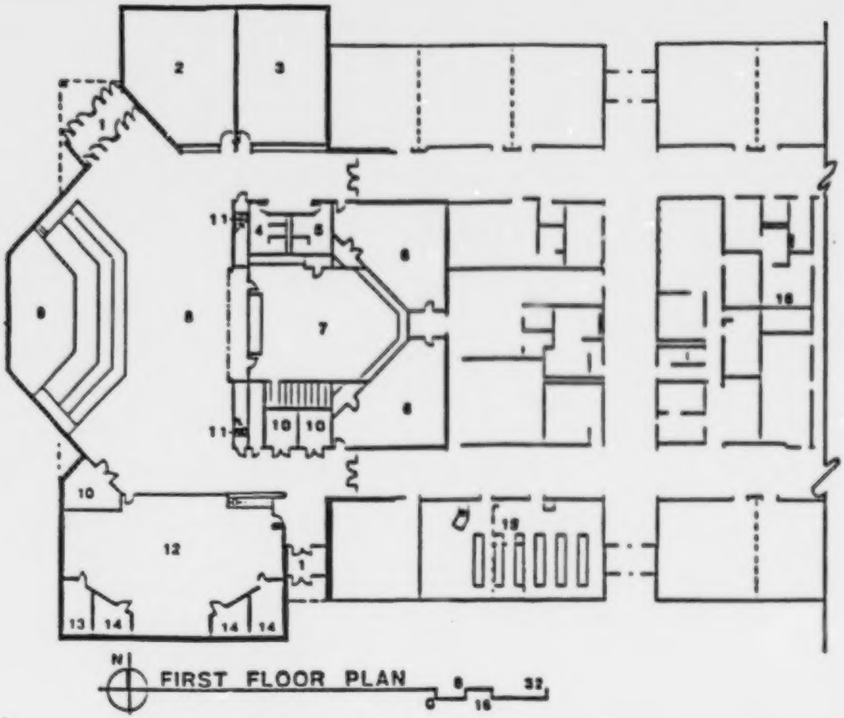
Costs:		
	Construction:	$759,000
	Site Work:	39,000
	Equipment:	93,000
	TOTAL:	$891,000

Cost per Sq. Ft.: $55.67

PROJECT DESCRIPTION: A 14,100 s.f. addition consisting of 5 classrooms, kitchen, cafetorium, IMC, computer lab, storage and restrooms. 5,300 s.f. of the existing 45,300 s.q. building was extensively remodeled including science labs, computer labs, special education classrooms, art room, home economics room, and teachers' work area.

FEATURES

Site Development:	Landscaping, new asphalt play area, new asphalt parking lot, and seeding.
Floors:	Concrete slab on grade.
Exterior Walls:	Exterior finish system, 2" rigid insulation and concrete block.
Interior Walls:	Concrete block corridor and classroom walls, and steel stud drywall partition for ancillary IMC spaces.
Windows:	Operable thermally broken extruded aluminum windows, double glazed Low E glass.
Roof:	Steel bar joists and metal deck with an R-24 min. tapered rigid insulation and a ballasted single ply membrane.
Floor Finishes:	Quarry tile in the kitchen, ceramic tile in the restrooms, carpet in the IMC, and vinyl composition tile remaining.
Base:	Quarry tile, ceramic tile and vinyl.
Walls:	Epoxy painted concrete block in corridor and restrooms, glasboard finish in kitchen, painted concrete block in classrooms.
Ceilings:	2' x 2' lay-in mineral acoustical tile.
HVAC:	Modulating gas fired boilers serving perimeter baseboard heating units and air handling units. Air conditioning throughout IMC, computer lab, and special education classrooms.
Electrical:	2' x 4' lay-in troffer lighting.
Special Equipment:	PA system, fire alarm system, clock, kitchen equipment, IMC equipment.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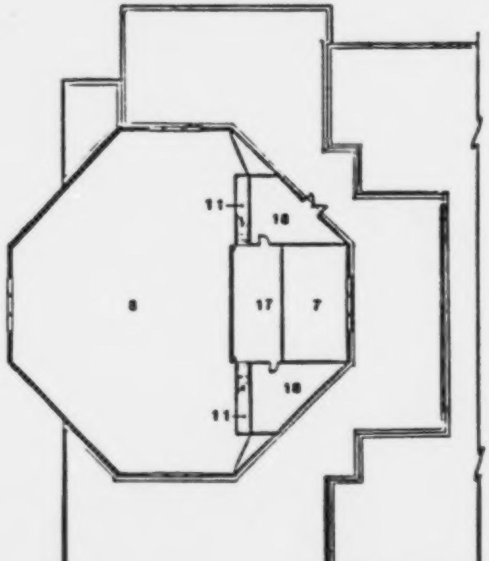
FIRST FLOOR PLAN

1	VESTIBULE
2	CLASSROOM
3	6TH GR. SCIENCE
4	WOMEN'S TOILET
5	MEN'S TOILET
6	COMPUTER LAB
7	ART ROOM
8	MULTI-PURPOSE ROOM
9	STAGE
10	STORAGE
11	STAIRS
12	BAND ROOM
13	OFFICE
14	PRACTICE
15	8TH GR. SCIENCE
16	LIBRARY WORKROOM
17	MEZZANINE
18	MECHANICAL EQUIPMENT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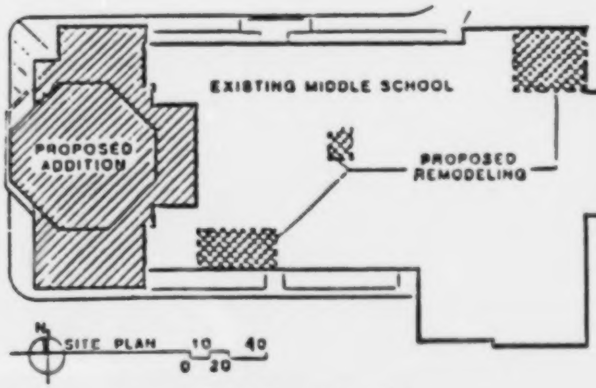
MEZZANINE PLAN


EXISTING MIDDLE SCHOOL
PROPOSED ADDITION
PROPOSED REMODELING
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SITE PLAN

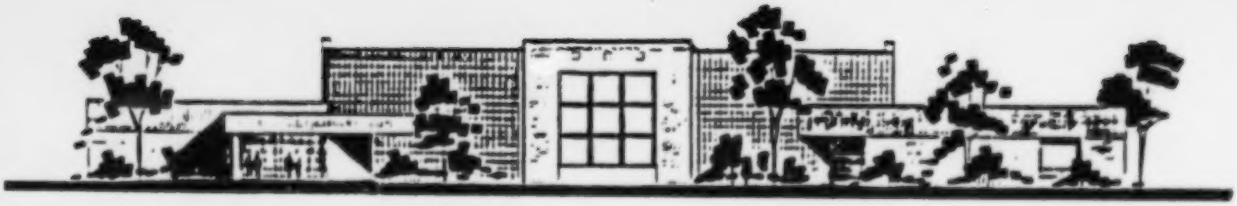
ADDITION AND REMODELING TO

EAST TROY MIDDLE SCHOOL

EAST TROY, WISCONSIN

WM. R. HENRY ASSOCIATES
ARCHITECTURE AND ENGINEERING

3 WEST WALWORTH STREET, SUITE 207
ELKHORN, WISCONSIN 53121
TELEPHONE 414-723-4399
FAX 414-723-4299



NAME OF SCHOOL: EAST TROY MIDDLE SCHOOL

GENERAL INFORMATION

Owner: East Troy Community School District
Mr. James Strasburg, Asst. Administrator

Date Project Approved by S.D: Nov.,1992
Date Construction Start: March, 1993
Date Construction Completion: Sept., 1993

Costs:		
	Construction:	$1,131,000
	Site Work:	107,000
	Equipment:	39,000
	TOTAL:	$1,277,000

Architect: WM. R. HENRY ASSOC.
(414) 723-4399

Contractor: Westra Construction, Inc
(414) 324-3545

Area: Site: 24 acres
Building: 62,000 sq. ft. existing
20,000 sq. ft. new

Cost per Sq. Ft.: $60.15 (Addition only)

PROJECT DESCRIPTION: Addition consists of 2 classrooms, 2 computer laboratories, art room, band room and 500+ capacity multi-purpose room with mezzanine. Renovation includes science lab/classroom, general study area, vocal music room and replacement of all suspended ceiling tile throughout the building. School consists of grades 6 through 8.

FEATURES

Site Development:	Existing west lawn area was used for expansion with minimal disruption of existing school. Parking lot and drive paving replaced.
Floors:	Concrete slab-on-grade. Precast concrete plank and concrete topping at mezzanine.
Exterior Walls:	Face brick, decorative block fascia and insulcrete over concrete block.
Interior Walls:	Concrete block corridors and classroom walls. Drywall on steel stud in band practice rooms and renovated areas
Windows:	Fixed and operable aluminum with insulating glass.
Roof:	Steel joists with metal deck, clear span joist girders in multi-purpose room, rigid foam insulation, modified asphalt built-up roofing with gravel.
Floor Finishes:	Epoxy terrazzo in corridors, vinyl tile in science, art and band rooms. Carpet in computer labs and multi-purpose room. Ceramic tile in washrooms.
Base:	Vinyl and ceramic tile.
Walls:	Painted concrete block throughout. Painted drywall at band office, practice rooms and renovated classrooms.
Ceilings:	2x4 lay-in acoustical tile in classrooms and corridors. Painted metal deck and exposed structure in art room and multi-purpose room.
HVAC:	One sealed combustion boiler serves hot water coils in variable air volume boxes and perimeter fin tube radiation. Air conditioning from air cooled condensing unit to cooling coil in mezzanine air handling unit.
Electrical:	277 volt 2x4 lay-in fixtures in classrooms, parabolic type in computer labs, metal halide hi-bay fixtures in art and multi-purpose room, exterior decorative lighting. Computer labs with network and fiber optic capabilities. Public address, clock, bell, corridor and classroom smoke detection and fire alarm systems.
Special Equipment:	Science lab casework with water, gas and electric services. Separate Apple and IBM computer labs. Multi-purpose room has stage with tiered seating and moveable bleachers. Future stage lights and sound can be controlled from mezzanine.

No Floor Plan
Provided

NAME OF SCHOOL: ELKHORN AREA MIDDLE SCHOOL
ELKHORN, WISCONSIN

GENERAL INFORMATION

Owner: Elkhorn Area School District
Anthony Serpe, District Administrator

Date Project Approved by S.D: November 18, 1991
Date Construction Start: March 15, 1992
Date Construction Completion: September 1, 1992

Costs:		
	Construction:	$676,288.00
	Site Work:	22,000.00
	Equipment:	61,712.00
	TOTAL:	**$760,000.00**

Architect: Balestrieri-Kehoe & Assoc., Inc.
414-723-2660

Contractor: Camosy Construction Co., Inc.
414-552-9440

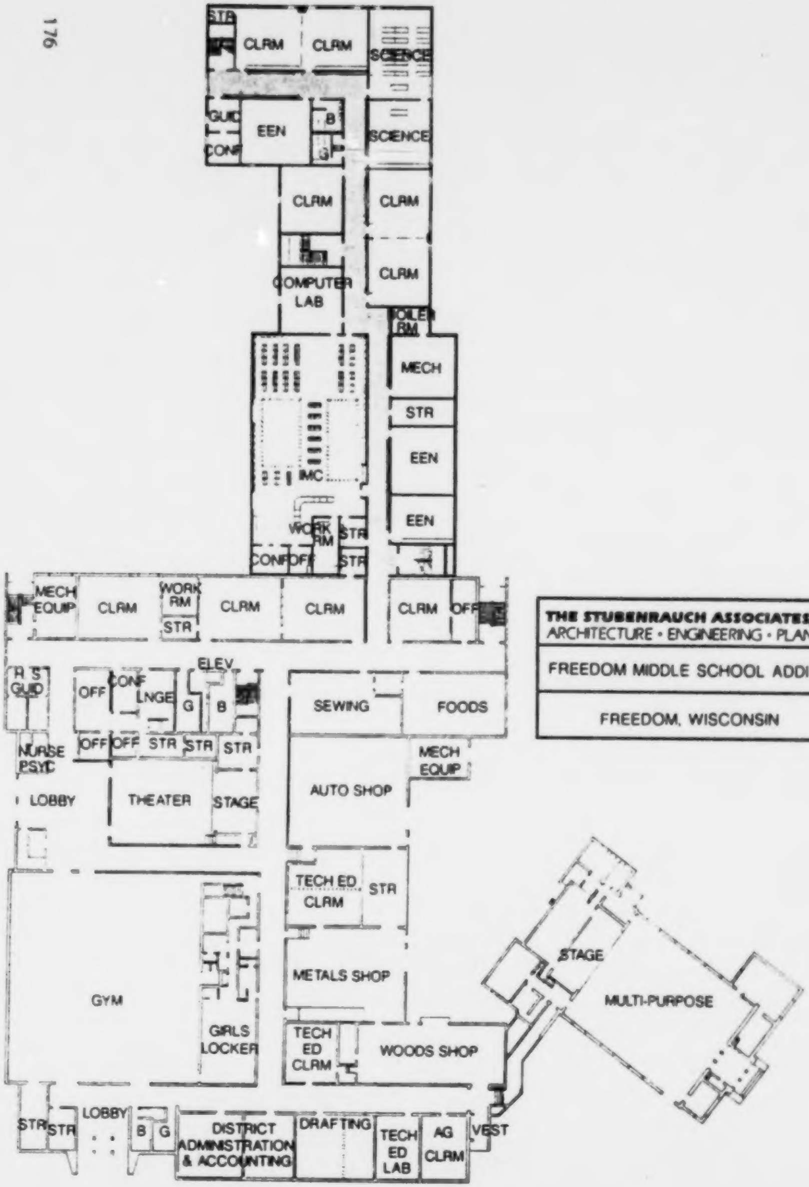
Area: Site:
Building: 13,750 sq. ft.

Cost per Sq. Ft.: $55.23 (incl. remodeling)

PROJECT DESCRIPTION: Nine classroom addition to existing grades 6, 7, 8 . Middle School for 5th grade, minor remodeling of existing building including aging schools remodeling, including science classroom, general office, principal, nurse and guidance offices.

FEATURES

Site Development:	Utility extensions and relocations, building excavation, landscaping.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation, concrete block.
Interior Walls:.	Concrete block.
Windows:	Fixed over awning thermal break aluminum with insulated glass.
Roof:	Ballasted single ply on 3" rigid insulation on metal deck on sloped steel joists with interior drains.
Floor Finishes:	Terrazzo corridors, resilient classrooms, carpet offices.
Base:	Terrazzo corridors, vinyl classrooms and offices.
Walls:	Painted.
Ceilings:	Suspended acoustical throughout.
HVAC:	Central air handling unit with hot water coil from existing boiler system for classrooms, air handling unit with air conditioning for office area.
Electrical:	2 x 4 lay-in troffer throughout. Relocation and extension of existing fire alarm, program, clock, public address system. Relocation of existing main service and transformer.
Special Equipment:	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AUTO SHOP
TECH ED CLRM
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METALS SHOP
TECH ED CLRM
WOODS SHOP
GYM
GIRLS LOCKER
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TECH ED LAB
AG CLRM
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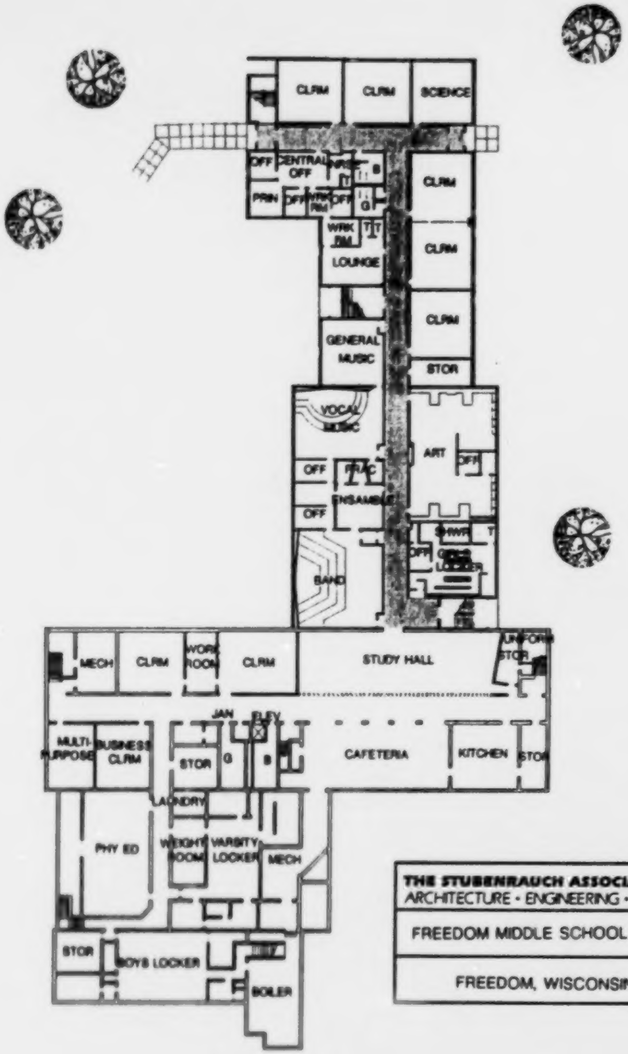
ARCHITECTURE • ENGINEERING • PLANNING

FREEDOM MIDDLE SCHOOL ADDITION

FREEDOM, WISCONSIN

237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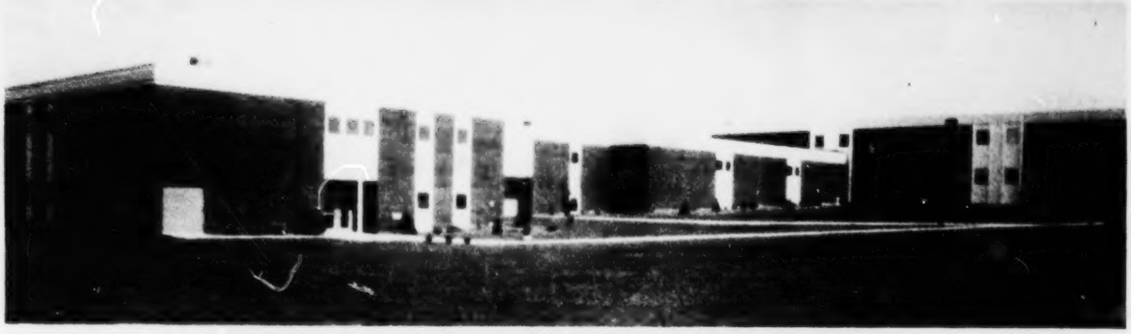
ARCHITECTURE • ENGINEERING • PLANNING

FREEDOM MIDDLE SCHOOL ADDITION

FREEDOM, WISCONSIN

238



FREEDOM MIDDLE SCHOOL ADDITION AND RENOVATION

GENERAL INFORMATION

Owner: Freedom School District
Gary Scheuerell, District Administrator

Date Project Approved by S.D: January 1990
Date Construction Start: May 1990
Date Construction Completion: May 1991

Costs:		
	Construction:	$2,151,876
	Site Work:	50,135
	Equipment:	98,388
	TOTAL:	$2,300,399

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: J. C. Basten Construction Co.
(414) 435-4425

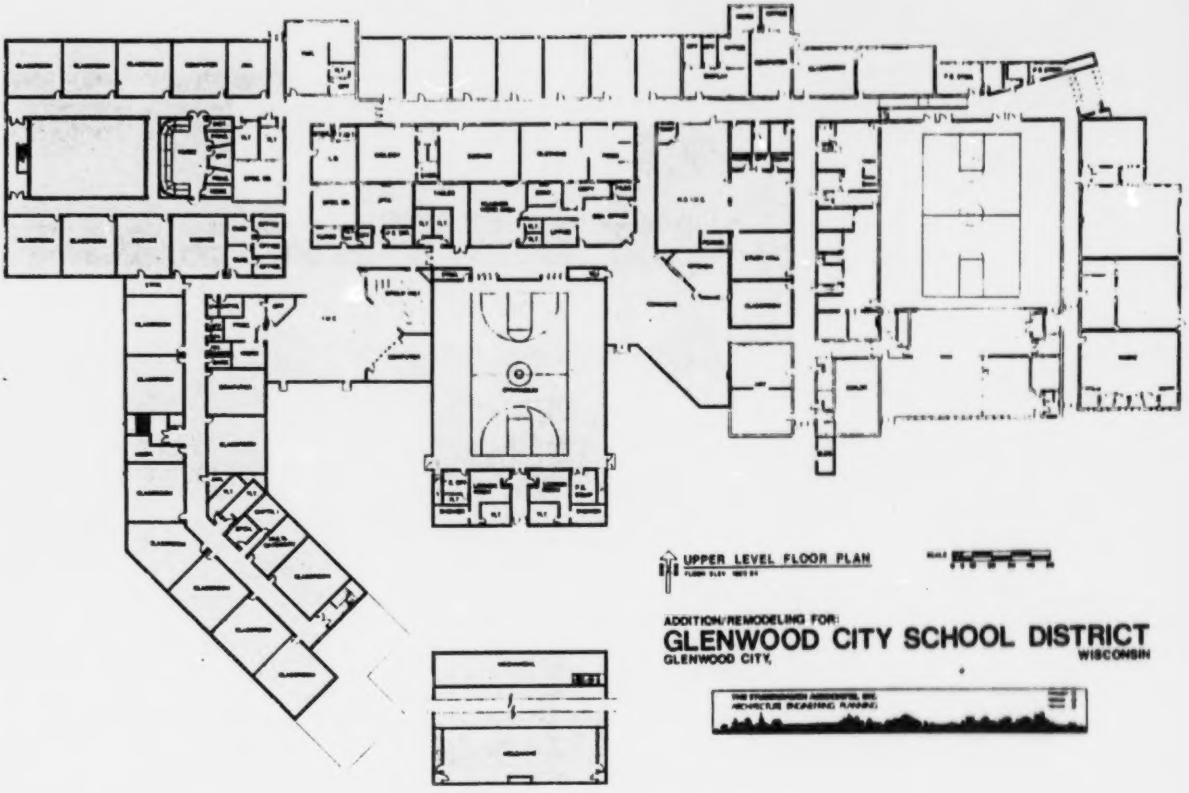
Area: **Site**: 136,800 sq. ft.
Building: 13,599 sq. ft. remodeling
47,752 addition

Cost per Sq. Ft.: $37.50 (combined)

PROJECT DESCRIPTION: Two-story middle school addition and interior remodeling of existing high school.

FEATURES

Site Development:	Grading at new addition for drainage.
Floors:	Precast concrete.
Exterior Walls:	Face brick, air space, rigid insulation and C.M.U. EIFS accent board at top of wall.
Interior Walls:	C.M.U. and metal studs with drywall.
Windows:	Clad wood fixed and casement.
Roof:	Ballasted single-ply EPDM membrane.
Floor Finishes:	Carpet, sheet vinyl, ceramic tile and thin-set terrazzo (in corridors).
Base:	Vinyl and ceramic tile.
Walls:	Painted C.M.U. and drywall; vinyl wall covering in remodeled office.
Ceilings:	2 x 2 and 2 x 4 acoustic tile.
HVAC:	Ducted forced air with variable volume box hot water coil. Air conditioning at office area from roof top unit.
Electrical:	Systems include energy-saving fluorescent lay-in light fixtures, communications, fire alarm and smoke detection. Special downlighting installed in Band and Vocal Rooms.
Special Equipment:	

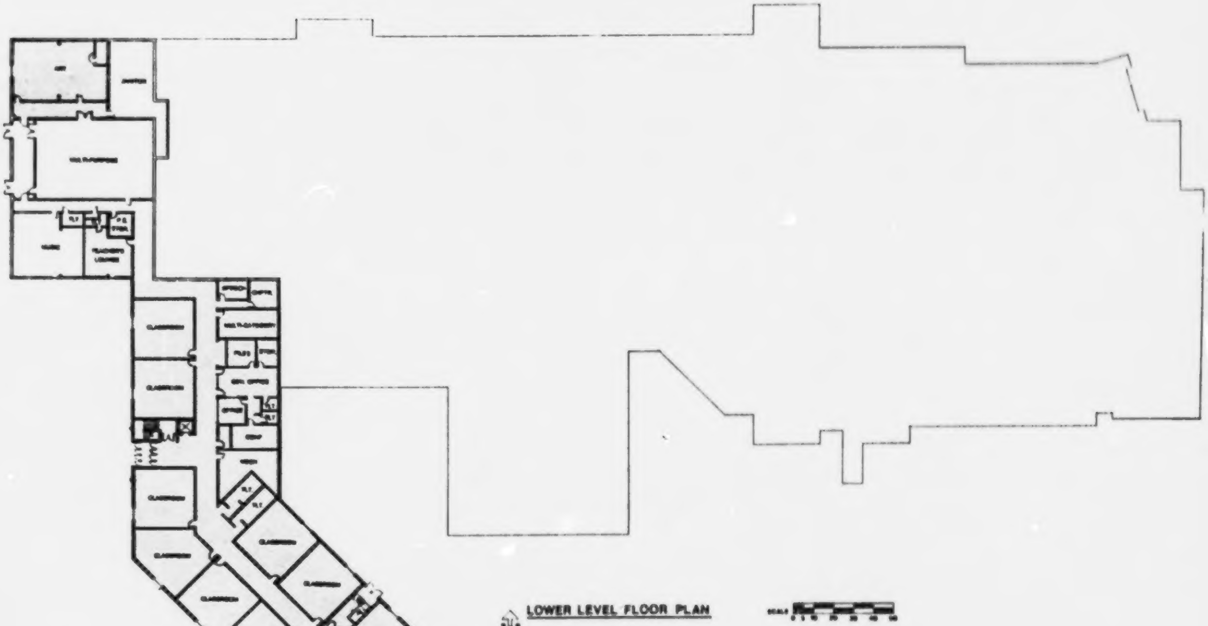


UPPER LEVEL FLOOR PLAN

ADDITION/REMODELING FOR:

GLENWOOD CITY SCHOOL DISTRICT

GLENWOOD CITY, WISCONSIN



LOWER LEVEL FLOOR PLAN

ADDITION/REMODELING FOR:

GLENWOOD CITY SCHOOL DISTRICT

GLENWOOD CITY, WISCONSIN

GLENWOOD JR. HIGH SCHOOL

GENERAL INFORMATION

Owner: Glenwood City School District
Michael Weber, District Administrator

Date Project Approved by S.D: August 1991
Date Construction Start: May 1992
Date Construction Completion: January 1993

Costs:

Construction:	$3,910,400
Site Work:	82,808
Equipment:	181,590
TOTAL:	$4,174,798

Architect: The Stubenrauch Associates, Inc.
(715) 634-4741

Contractor: Construction Manager:
Adolfson & Peterson

Area: **Site:** Existing
Building: 72,254 sq. ft. addition
28,602 sq. ft. remodel

Cost per Sq. Ft.: $41.39 (combined)

PROJECT DESCRIPTION: The addition consists of 21 classrooms, two computer rooms, IMC with a group instruction area, Elementary School offices, administration area, District administration area, gymnasium which seats 900 people, shower and locker rooms, High School office area, kitchen, and commons area. The addition is a two-story building at the classroom area and one-story at the IMC, gym, commons, and kitchen area. The two-story portion includes an elevator and access to grade at both levels.

The remodeling consists of remodeled Middle School classrooms, science rooms, guidance area, art room, music room, and computer room. Also, the remodeling of High School IMC, computer room, guidance area, and classrooms.

FEATURES

Site Development: Building excavation in sandstone; parking and bus drop off at existing site.

Floors: Concrete slab-on-grade; metal bar joist with concrete topping.

Exterior Walls: Standard size face brick, 2" rigid insulation and concrete block.

Interior Walls: CMU and metal studs with gypsum board.

Windows: Operable metal clad with slimshades at classrooms and hollow metal with insulating glass at Commons and I.M.C.

Roof: Single ply EPDM ballasted membrane on sloped insulation system. Sloped top cord of bar joist at gymnasium.

Floor Finishes: V.C.T. at Commons and entrances, quarry tile at kitchen, ceramic tile at restrooms and locker rooms, carpet at classrooms and corridors, wood at gymnasium.

Base: Vinyl, quarry tile and ceramic tile.

Walls: Painted concrete block at corridors and classrooms, ceramic tile at showers, and vinyl wall fabric at offices and I.M.C.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC: Hot water system with unit ventilators at classrooms. Hot water supplied from existing gas fired boiler.

Electrical: 2 x 4 lay-in troffer, strip with paracube lense at I.M.C., indirect lighting at Commons, exterior lighting, heat and smoke detectors and fire alarm system.

Special Equipment: Elevator, fire alarm system, and P.A. system.

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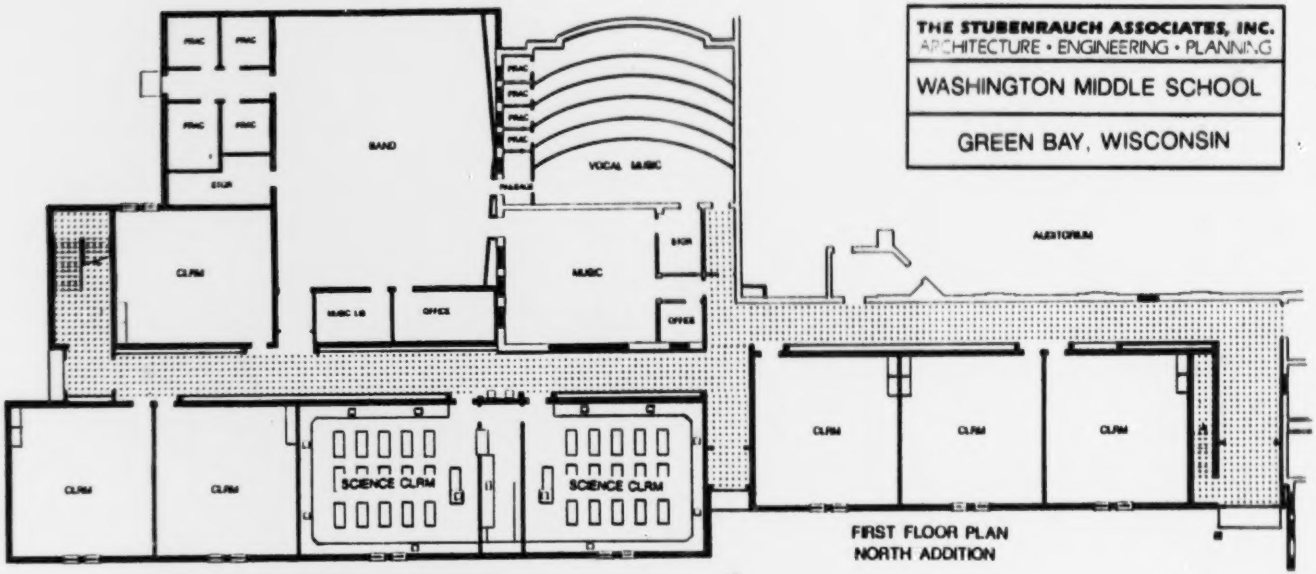
ARCHITECTURE • ENGINEERING • PLANNING

WASHINGTON MIDDLE SCHOOL

GREEN BAY, WISCONSIN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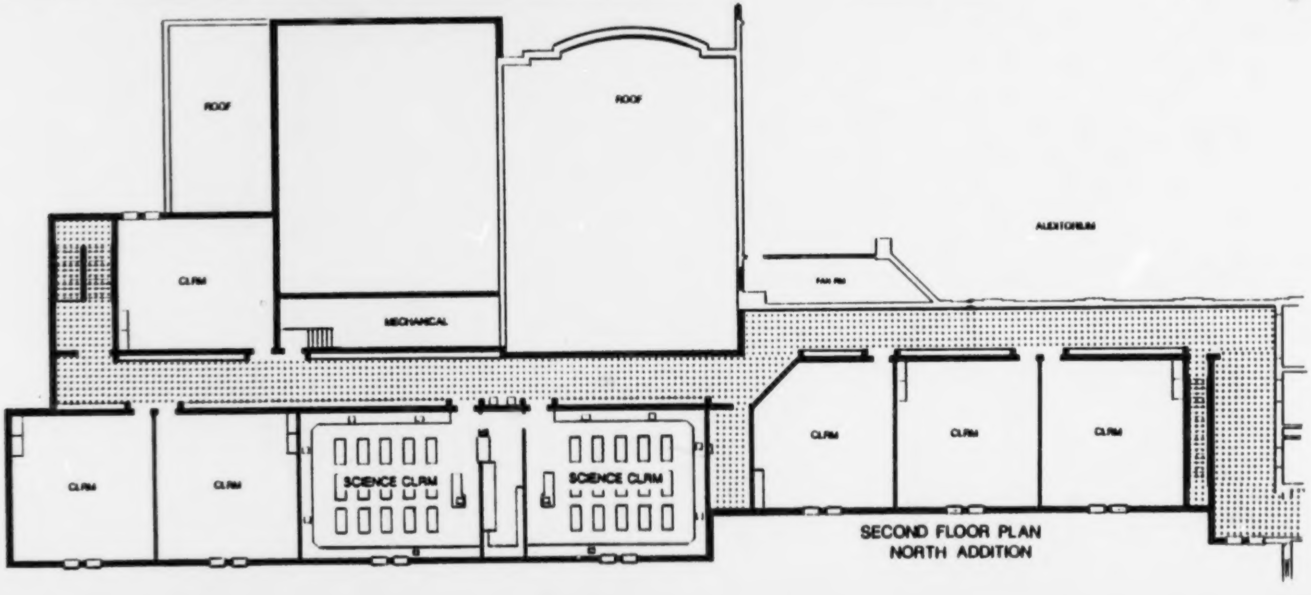
FIRST FLOOR PLAN
NORTH ADDITION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SECOND FLOOR PLAN
NORTH ADDITION

WASHINGTON MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Green Bay School District
Robert Fuhr, Exec. Dir. Fac. & Related Services

Date Construction Start: July 1992
Date Construction Completion: March 1993

Costs:		
	Construction:	$1,576,266
	Site Work:	42,000
	Equipment:	161,560
	TOTAL:	$1,779,826

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: George Hougard
(414) 497-7777

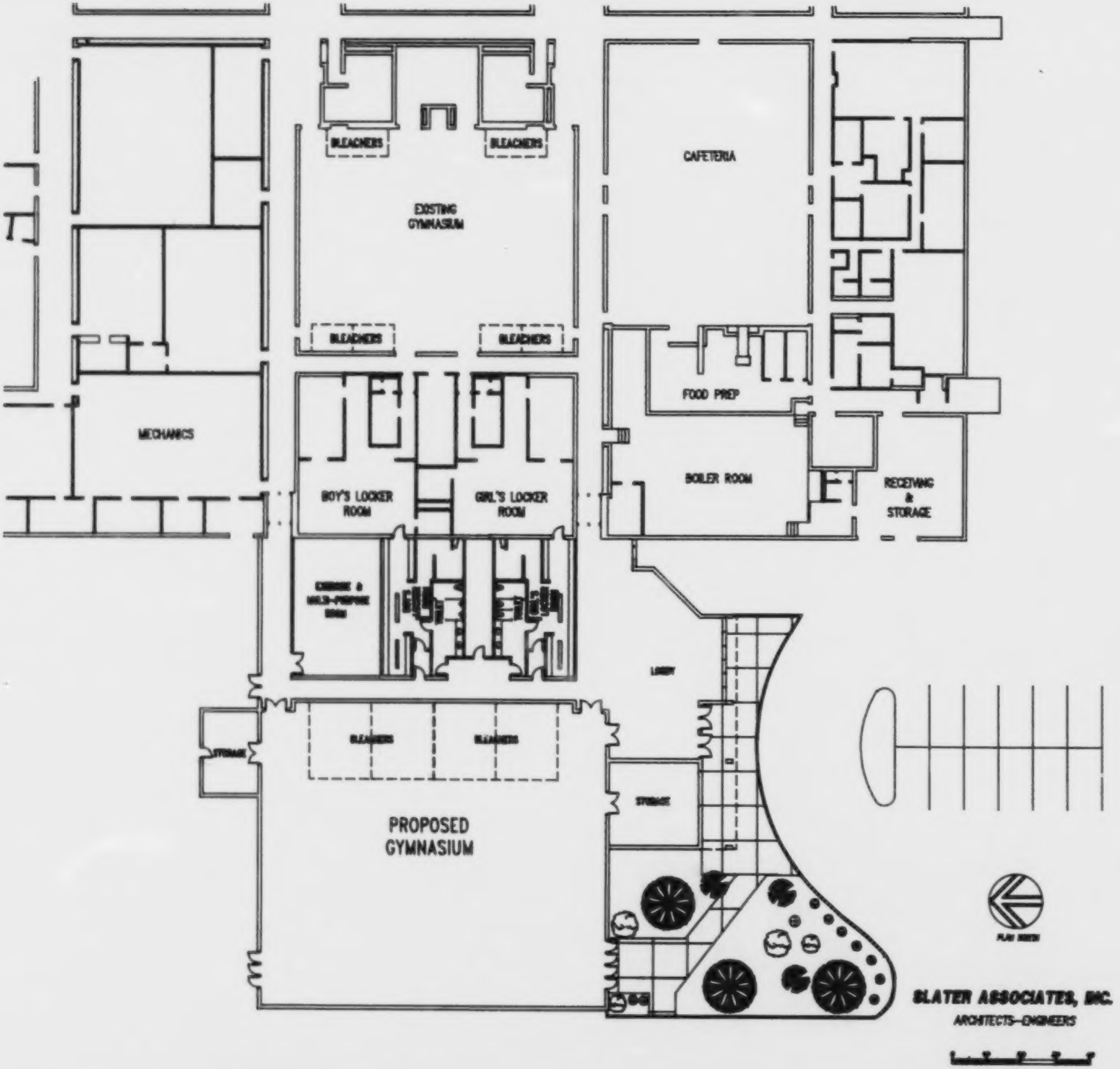
Area: **Site:** 5.5 acres
Building: 29,426 sf addition
8,456 sf remodel

Cost per Sq. Ft.: $46.98 (combined)

PROJECT DESCRIPTION: Two story classroom addition, cafeteria addition, remodel existing classroom area into new general office, remodel existing general office into new Guidance Office, remodeling existing locker room into classroom space, remodel existing boys locker room.

FEATURES

Site Development:	Existing parking was modified to accommodate building additions.
Floors:	Concrete slab on grade, concrete topping on precast concrete plank.
Exterior Walls:	Insulated masonry cavity wall with face brick veneer to match existing.
Interior Walls:	C.M.U. and gypsum board on metal studs.
Windows:	Aluminum single hung with Low-E insulating glass.
Roof:	Ballasted single ply E.P.D.M. over tapered insulation and precast concrete plank.
Floor Finishes:	V.C.T. in corridors, classroom, cafeteria. Carpet in offices. Ceramic tile in Locker Room.
Base:	Resilient base at V.C.I. and carpet - ceramic tile base at ceramic tile.
Walls:	Painted C.M.U. and gypsum board.
Ceilings:	2 x 2 acoustic tile, 2 x 4 vinyl faced gypsum board.
HVAC:	Existing boilers provide hot water to new air handling units which distribute tempered air to new building areas. Air conditioning to select areas.
Electrical:	Electrical lighting, power, communications, and fire alarm systems.


BLEACHERS
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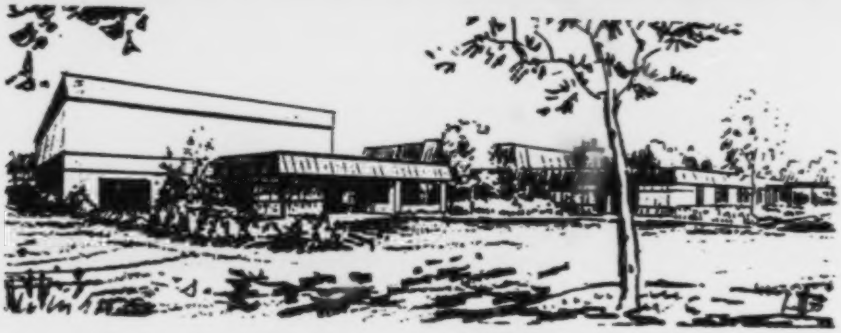
CAFETERIA
EXISTING GYMNASIUM
BLEACHERS
BLEACHERS
FOOD PREP
MECHANICS
BOY'S LOCKER ROOM
GIRL'S LOCKER ROOM
BOILER ROOM
RECEIVING & STORAGE
EXERCISE & MULTI-PURPOSE ROOM
LOBBY
STORAGE
BLEACHERS
BLEACHERS
STORAGE
PROPOSED GYMNASIUM
PLAN NORTH
SLATER ASSOCIATES, INC.
ARCHITECTS—ENGINEERS



TEMPLETON MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Hamilton School District
Kathleen Cooke, District Administrator

Date Project Approved by S.D:	April 1992
Date Construction Start:	August 1992
Date Construction Completion:	August 1993

Costs:	**Construction:**	$770,000
	Site Work:	60,000
	Equipment:	105,000
	TOTAL:	$935,000

Architect: Slater Assoc. Inc.
(414) 542-7600

Contractor: 29 Prime Contractors

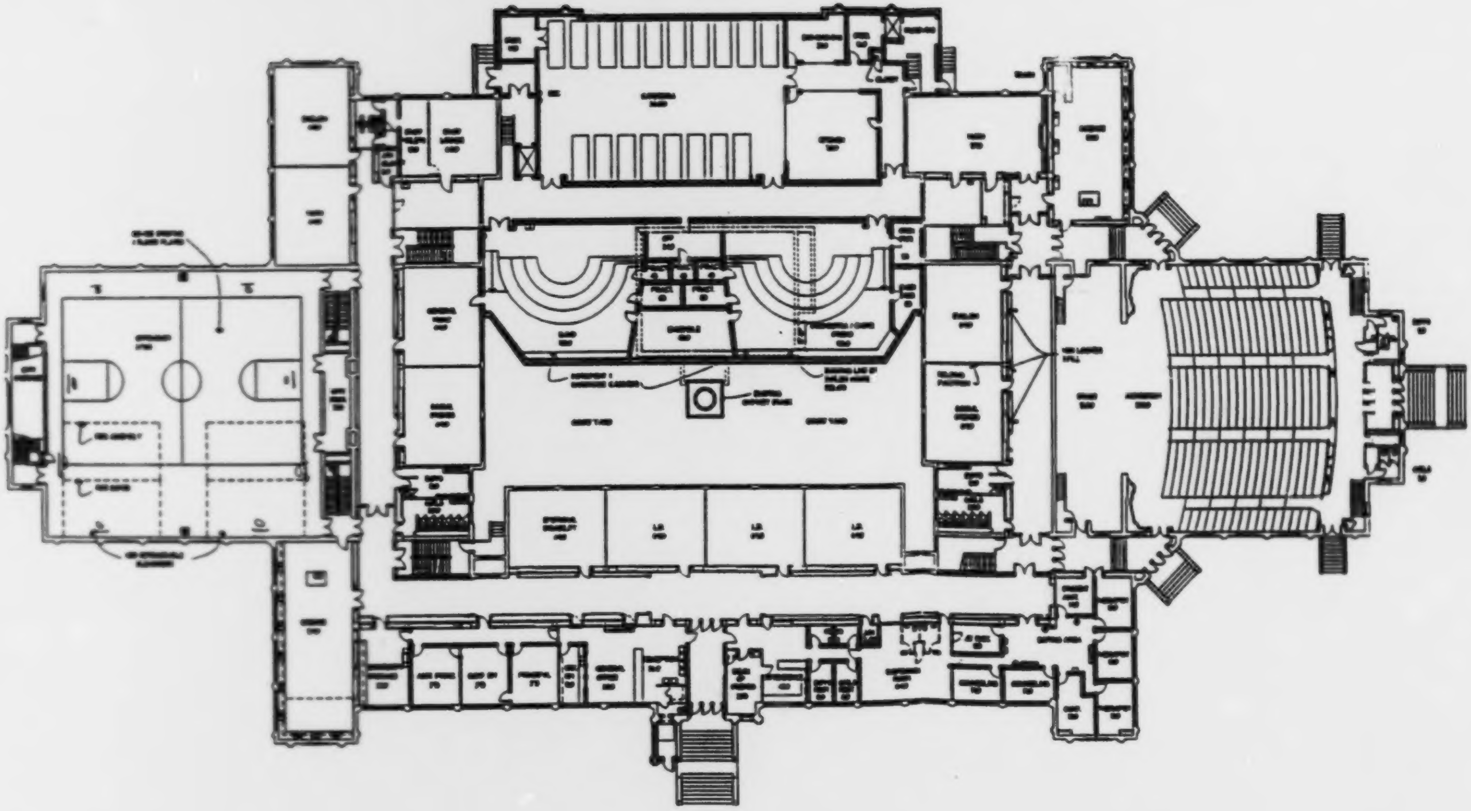
Area: Site: n/a
Building: 100,000 SF existing
18,000 SF new

Cost per Sq. Ft.: $43.00

PROJECT DESCRIPTION: Gymnasium / multi-purpose room addition with bleachers for 300 adults, locker and shower room, lobby, storage, and fitness center.

FEATURES

Site Development:	New asphalt parking and drives.
Floors:	Slab on grade concrete, equipment mez. concrete on steel joist.
Exterior Walls:	Double thickness architectural masonry bearing walls with rigid 2" insulation between inner and outer wall.
Interior Walls:.	Architectural sound absorbing masonry.
Windows:	Bronze tinted 1" insulated low E aluminum framed fixed units.
Roof:	Long span steel joist with EPDM membrane.
Floor Finishes:	Cushioned hard maple gym floor, terrazzo and ceramic.
Base:	Ceramic.
Walls:	Painted architectural masonry.
Ceilings:	Gym ceiling is rock face panels, lobby is 2 x 2 acoustical tile.
HVAC:	Fully air conditioned gym, lobby and locker rooms. Dual systems for divisible gym.
Electrical:	Recessed HID with quartz backup in gym.
Special Equipment:	Full height motorized gym divider wall, motorized bleachers, athletic equipment, lockers, sound system.



NORTH

FIRST FLOOR PLAN

LINCOLN JUNIOR HIGH SCHOOL

EPPSTEIN·KELLER·UHEN
ARCHITECTS

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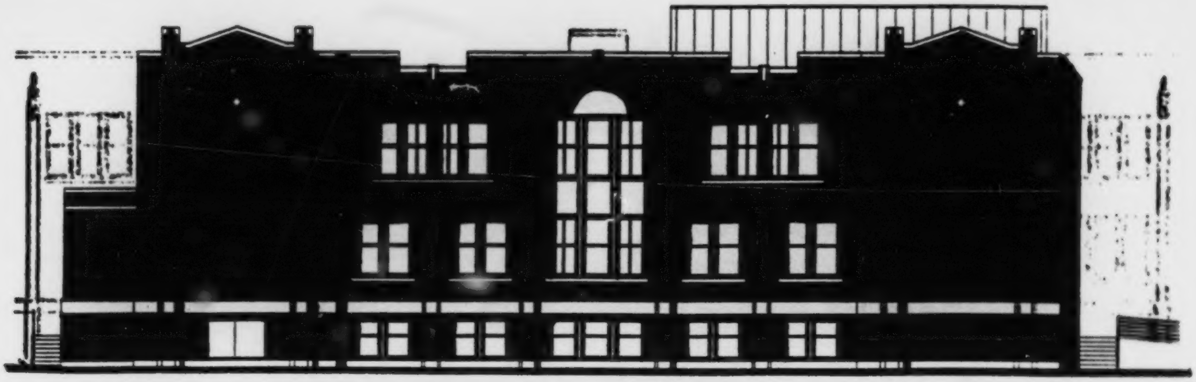


LINCOLN JUNIOR HIGH SCHOOL
KENOSHA, WISCONSIN
GENERAL INFORMATION

Owner:	Kenosha Unified School District Anthony Bisciglia, Superintendent	**Architect:**	Eppstein Keller Uhen, Inc. (414)271-5350
Date Project Approved by S.D.:	June, 1992	**Contractor:**	Riley Construction (414)658-4348
Date Construction Start:	October, 1992		
Date Construction Completion:	September, 1993		

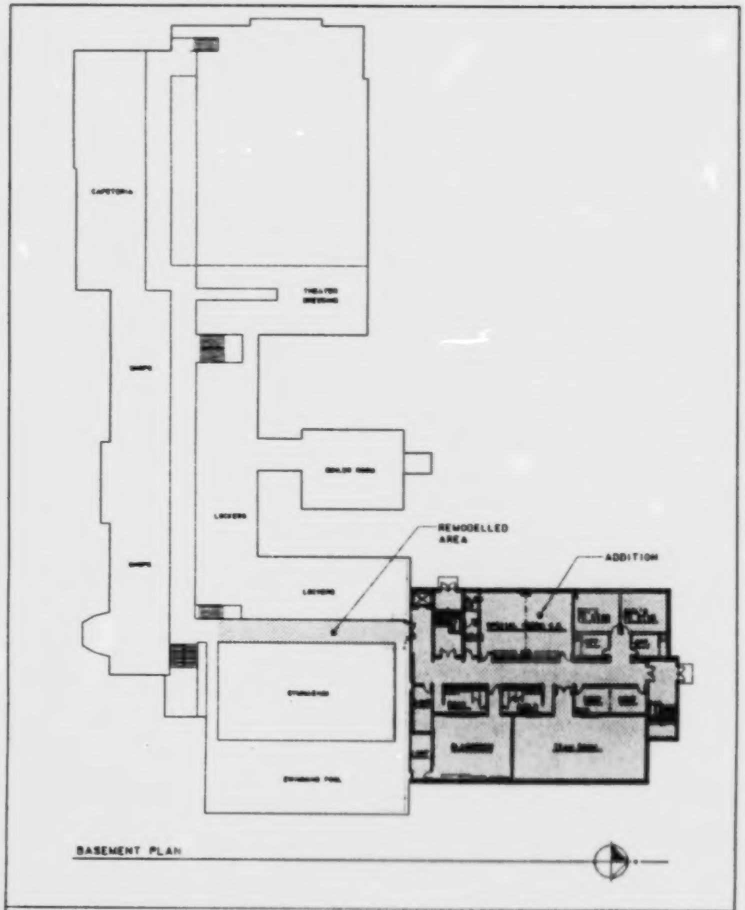
Costs:	Construction:	$5,345,000.00
	Site Work:	37,000.00
	Equipment:	409,000.00
	TOTAL:	$5,791,000.00

Area:	Site:	2.6 Acres
	Building:	124,000 s.f.
Cost per Sq. Ft.:		$46.70

PROJECT DESCRIPTION: A 30,000 square foot addition consisting of computer rooms, an IMC, music rooms, a cafeteria and kitchen, and vocational/technical rooms to an existing 94,000 square foot building. The existing building was extensively remodeled including air conditioning.

FEATURES

Site Development:	Courtyard landscaping, site restoration, and handicap accessibility.
Floors:	Concrete composite deck over structural steel.
Exterior Walls:	Face brick with 2" rigid insulation and CMU back-up.
Interior Walls:	Concrete block corridor and classroom walls in new addition.
Windows:	Heavy commercial, thermal pane low E glass, double-hung aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation.
Floor Finishes:	Ceramic tile in toilet rooms, vinyl tile in corridors, and carpet in classrooms and offices
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units.
Electrical:	2' x 4' lay-in lighting fixtures, typically.


CAFETERIA
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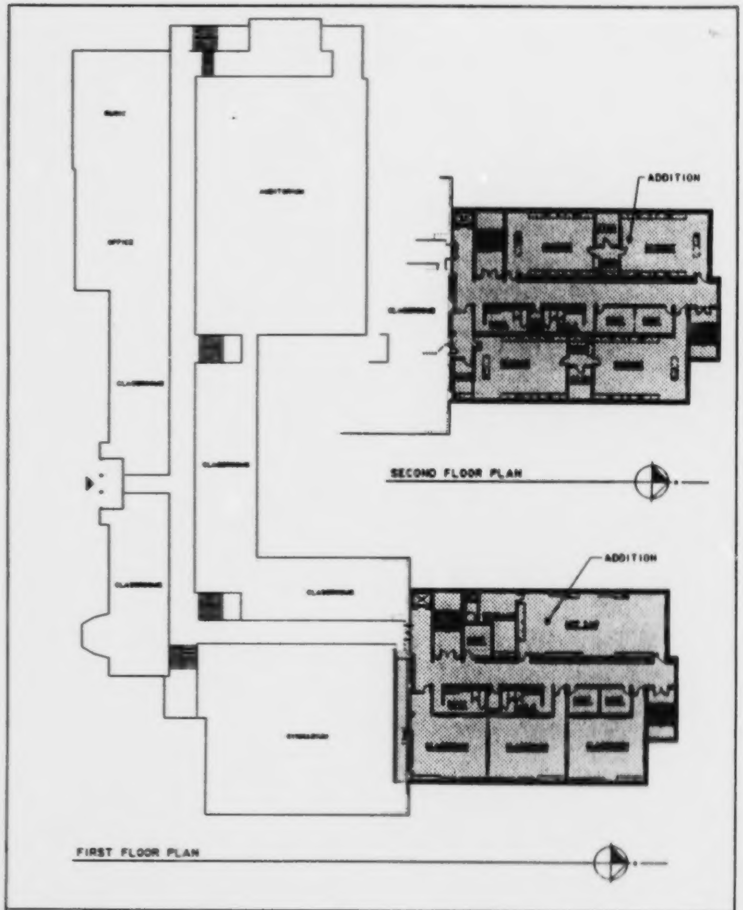
THEATER DRESSING
BOILER ROOM
LOCKERS
LOCKERS
REMODELLED AREA
ADDITION
GYMNASIUM
SWIMMING POOL
BASEMENT PLAN

RUST ENVIRONMENT & INFRASTRUCTURE

WOODROW WILSON
JUNIOR HIGH SCHOOL
MANITOWOC, WISCONSIN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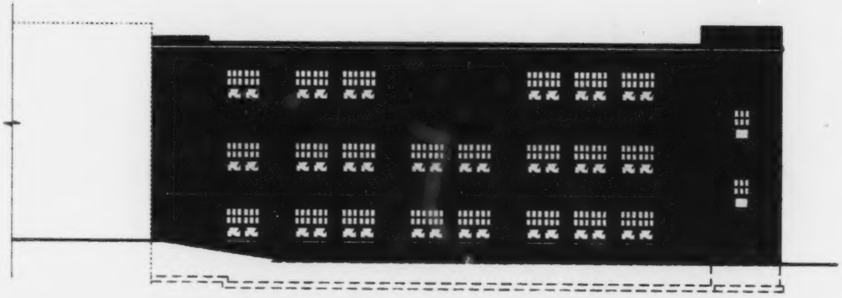
ADDITION
CLASSROOMS
SECOND FLOOR PLAN
FIRST FLOOR PLAN

RUST ENVIRONMENT & INFRASTRUCTURE

WOODROW WILSON
JUNIOR HIGH SCHOOL
MANITOWOC, WISCONSIN



NAME OF SCHOOL: Woodrow Wilson Junior High School

GENERAL INFORMATION

Owner: Manitowoc Public School District
John Crubaugh, District Administrator

Date Project Approved by S.D: November, 1991
Date Construction Start: April,1992
Date Construction Completion: January, 1993

Costs:	**General:**	$1,095,479.00
	HVAC:	224,156.00
	Plumbing:	134,021.00
	Electrical:	85,478.00
	TOTAL:	**$1,539,134.00**

Architect: Rust Environment & Infrastructure
(414) 458-8711

General Contractor:	Hoffman Brothers
HVAC:	Paul VanZeeland Heating
Plumbing:	R.J. Peterson Plbg. & Htg.
Electrical:	Crafts Electric

Area: Site: 10.42 acres
Building: 28,160 sq.ft. (addition)
1,155 sq.ft. (remodel)

Cost per Sq. Ft.: $52.50

PROJECT DESCRIPTION: Three-story addition to junior high building constructed in 1931. Addition includes four science classrooms, four general classrooms, two ancillary classrooms, art lab, conference rooms, P.E. offices and storage and restrooms. Building brought up to meet current handicap requirements.

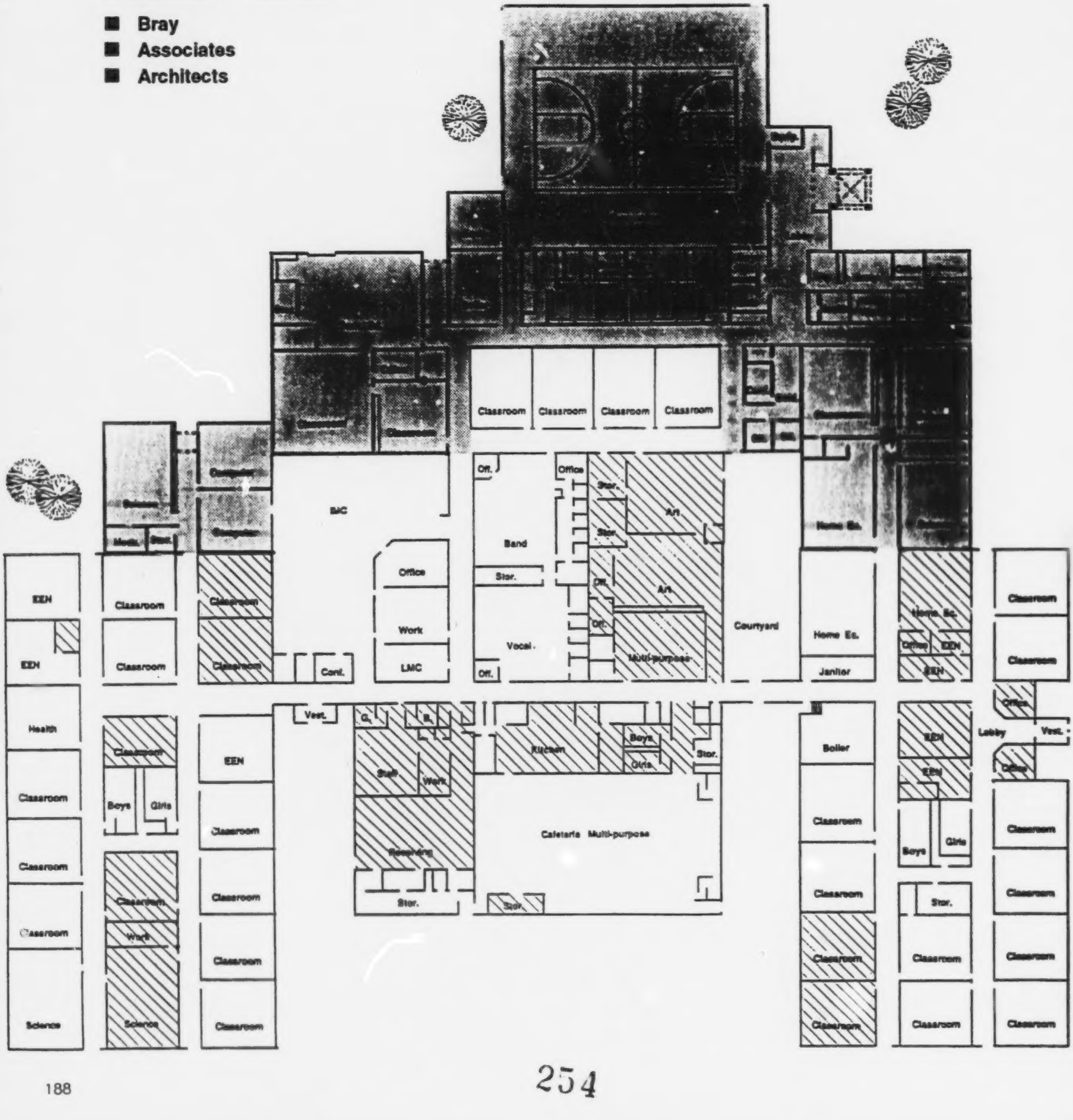
FEATURES

Site Development:	Clear site and excavate for new parking lot. New parking lot for 25 cars and drive.
Floors:	Concrete slab on grade at basement; precast concrete plank with 2-inch topping at upper floors.
Exterior Walls:	Face brick, insulation, and concrete block back-up.
Interior Walls:	Concrete block.
Windows:	Aluminum fixed and hopper units with 1-inch insulating glazing and translucent insulating panels.
Roof:	Precast concrete plank with rigid insulation and mechanically fastened PVC membrane.
Floor Finishes:	Vinyl composition tile; ceramic tile in vestibules and restrooms.
Base:	Vinyl and ceramic tile.
Walls:	Painted concrete block.
Ceilings:	2 x 4 lay-in mineral fiber acoustic tile.
HVAC:	Existing boilers serve unit ventilators and convectors in new addition; air handling units.
Electrical:	2 x 4 fluorescent lay-in fixtures, telephone, CATV, clock, bell, PA and fire alarm systems.
Special Equipment:	3-stop elevator; fire alarm, clock, bell and PA systems; fume hoods in laboratories.

E. G. Kromrey Middle School

Middleton, Wisconsin

- **Bray**
- **Associates**
- **Architects**


Classroom
Classroom
Classroom
Classroom
Classroom
Computer
Computer
Science
Stor.
IMC
Off.
Office
Stor.
Art
Stor.
Band
Stor.
Office
Off.
Art
Work
Vocal
Off.
LMC
Cont.
Off.
Multi-purpose
Courtyard
Home Ec.
Home Ec.
Janitor
EEN
EEN
Health
Classroom
Classroom
Classroom
Science
Classroom
Classroom
Classroom
Boys
Girls
Classroom
Work
Science
EEN
Classroom
Classroom
Classroom
Classroom
Vest.
G.
B.
Kitchen
Boys
Girls
Stor.
Staff
Work
Receiving
Cafeteria Multi-purpose
Stor.
Stor.
Boiler
Classroom
Classroom
Classroom
Classroom
Office
EEN
EEN
EEN
EEN
Boys
Girls
Stor.
Classroom
Classroom
Classroom
Office
Lobby
Vest.
Office
Classroom
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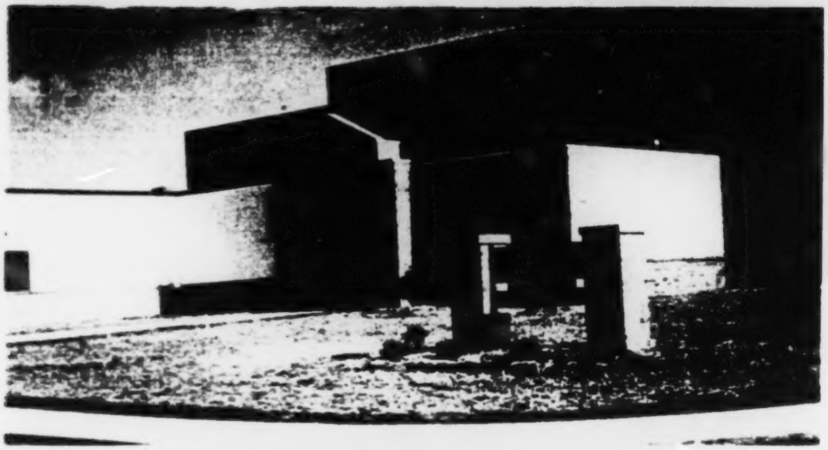
Classroom



NAME OF SCHOOL: E. G. KROMREY MIDDLE SCHOOL, MIDDLETON

GENERAL INFORMATION

Owner: Middleton-Cross Plains School District
Dr. Gene Thieleke, District Administrator
Mr. Thomas E. Wohlleber, Director of Business Services

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Date Project Approved by S.D: Spring 1990
Date Construction Start: Fall 1990
Date Construction Completion: Fall 1991

Contractor: Kraemer Brothers Co.
(608) 546-2411

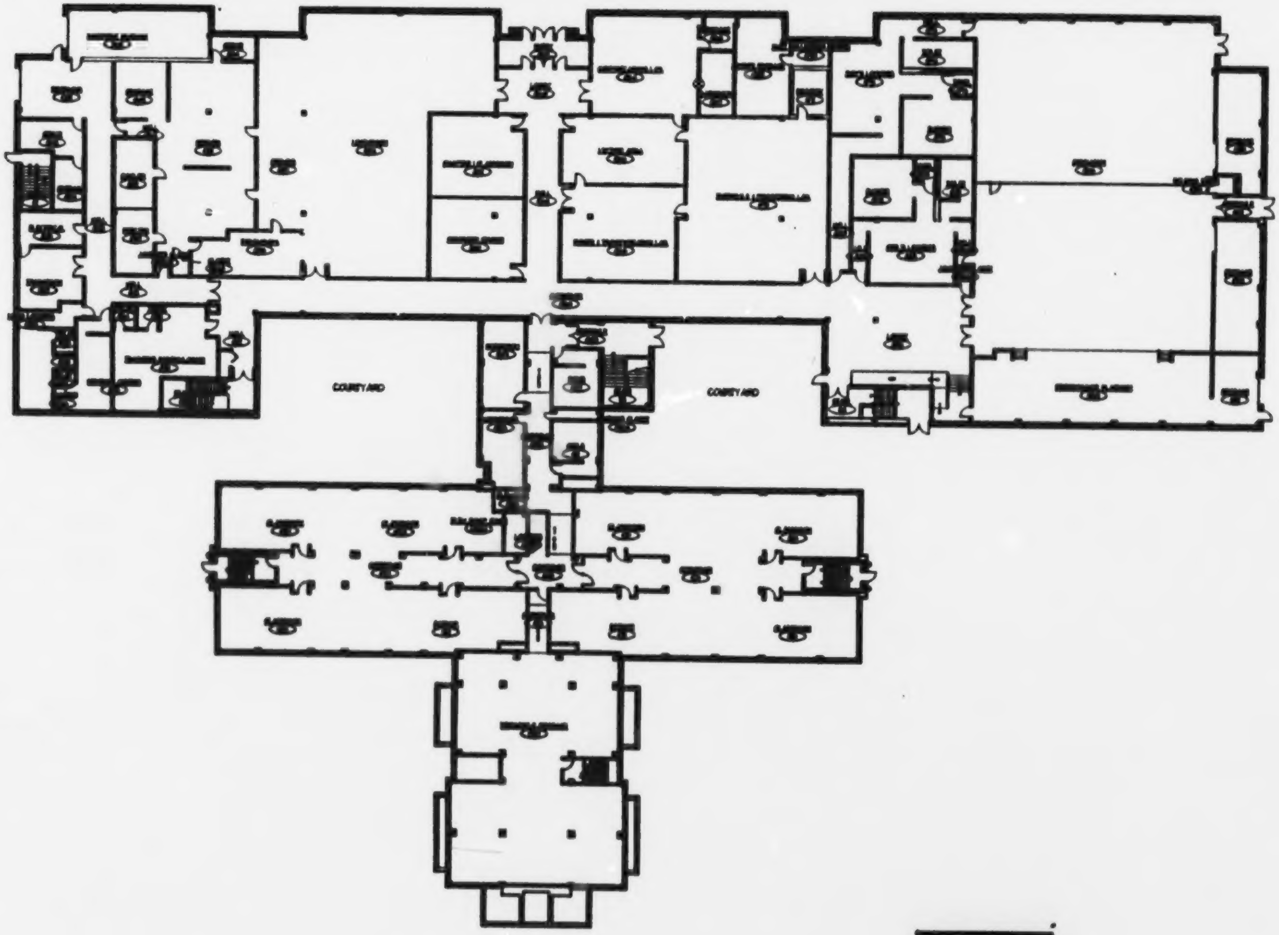
Costs:	**Construction:**	$2,532,000
	Site Work:	$100,000
	Equipment:	$270,000
	TOTAL:	$2,902,000

Area: Site: Existing
Building: 38,296 SF New
14,967 SF Remodeled
Cost per Sq. Ft.: $55.80

PROJECT DESCRIPTION: The existing building was developed into a "House" plan Middle School. The exterior metal siding was replaced with brick and an insulated epoxy finish to increase the energy and aesthetic qualities of the school.

FEATURES

Site Development:	The existing site was adequate for the development of an addition to the school.
Floors:	Concrete slab on grade.
Exterior Walls:	Standard size face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane. Metal roof at entrance and gymnasium area.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 2 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


COURTYARD
COURTYARD

FIRST FLOOR PLAN
GRAND AVENUE MIDDLE SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS

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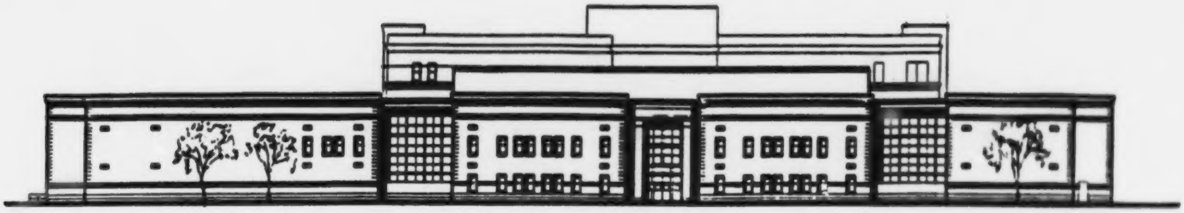


GRAND AVENUE MIDDLE SCHOOL
MILWAUKEE, WISCONSIN
GENERAL INFORMATION

Owner: Milwaukee Public Schools
Dr. Howard Fuller, Superintendent

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Date Project Approved by S.D.: October, 1990
Date Construction Start: November, 1990
Date Construction Completion: September, 1991

Contractor: Grunau Project Development
(414)272-0411

Area: Site: 5 Acres
Building: 145,000 s.f.

Costs:	
Construction:	$10,800,000.00
Site Work:	670,000.00
Equipment:	1,400,000.00
TOTAL:	$12,870,000.00

Cost per Sq. Ft.: $88.76

PROJECT DESCRIPTION: Renovation, remodeling, and addition to the former Milwaukee County Emergency Hospital built in 1927. The newly created Middle School was designed around the house concept, and the addition provides support and specialty areas to the classroom houses in the original structure.

FEATURES

Site Development: Original hospital grounds were left intact between the original building and the primary road, including majestic stands of old oak, locust, and maple trees. New parking and play areas are screened from view behind landscaped berms.

Floors: Cast-in-place concrete floor in addition.

Exterior Walls: Brick cavity wall with precast concrete accent panels and banding.

Interior Walls: Concrete block corridor and classroom walls, decorative plaster work in entry hall was restored to its original condition.

Windows: Heavy commercial, dual-glazed low E glass, double hung aluminum windows.

Roof: Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system.

Floor Finishes: Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in labs and corridors, and carpet in classrooms, office, and library, and wood in gymnasium and stage.

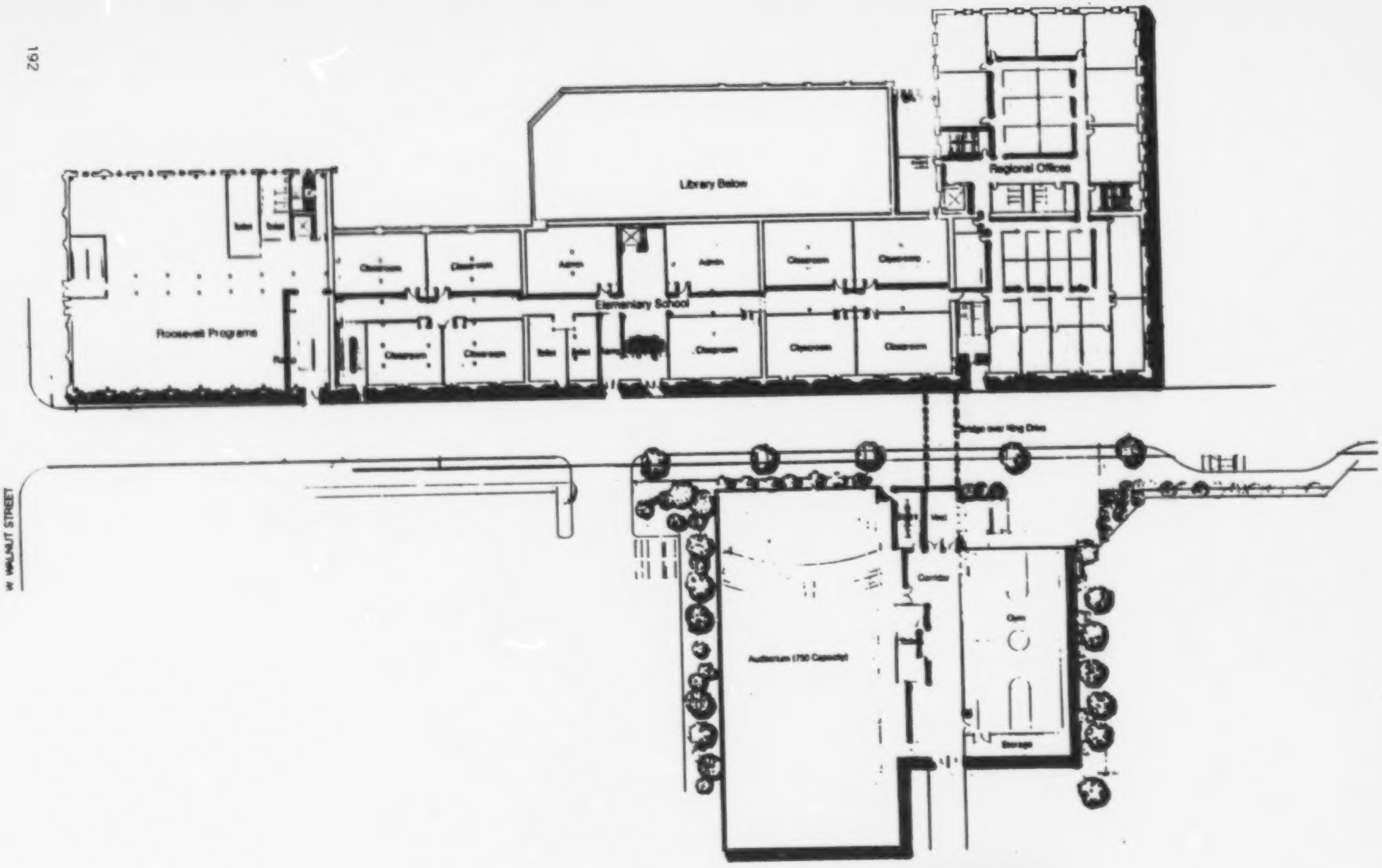
Base: Quarry and ceramic tile and vinyl.

Walls: Painted concrete block and drywall.

Ceilings: 2′ x 2′ and 2′ x 4′ lay-in mineral fiber acoustical tile and painted drywall.

HVAC: Gas fired boilers serving perimeter baseboard heating and air handling units, A.C. throughout.

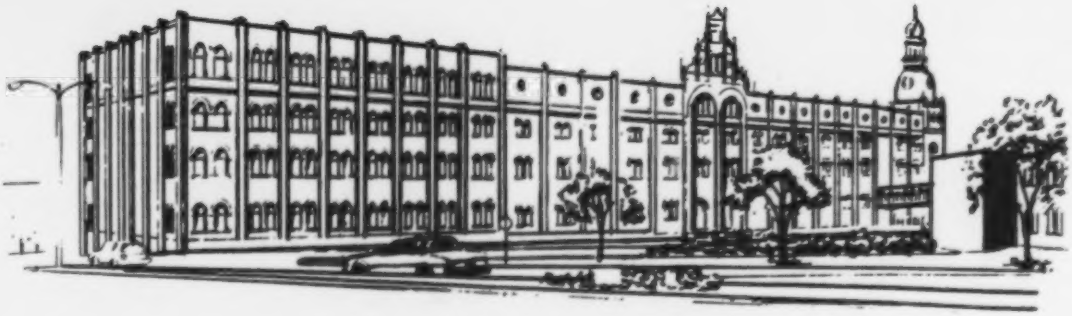
Electrical: 2′ x 4′ lay-in lighting fixtures typically, light cove at entry hall.


Library Below
Regional Offices
Classroom
Classroom
Admin
Admin
Classroom
Classroom
Elementary School
Roosevelt Programs
Toilet
Toilet
Classroom
Classroom
Toilet
Toilet
Classroom
Classroom
Classroom
Bridge over King Drive
W. WALNUT STREET
Vest
Corridor
Auditorium (750 Capacity)
Gym
Storage

FIRST FLOOR PLAN
MILWAUKEE EDUCATION CENTER

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



MILWAUKEE EDUCATION CENTER
MILWAUKEE, WISCONSIN
GENERAL INFORMATION

Owner: Milwaukee Public Schools
Dr. Howard Fuller, Superintendent

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Date Project Approved by S.D.: October, 1990
Date Construction Start: April, 1991
Date Construction Completion: July, 1992

Contractor: Grunau Project Development
(414)272-0411

Area: Site: 4.6 Acres
Building: 230,000 s.f.

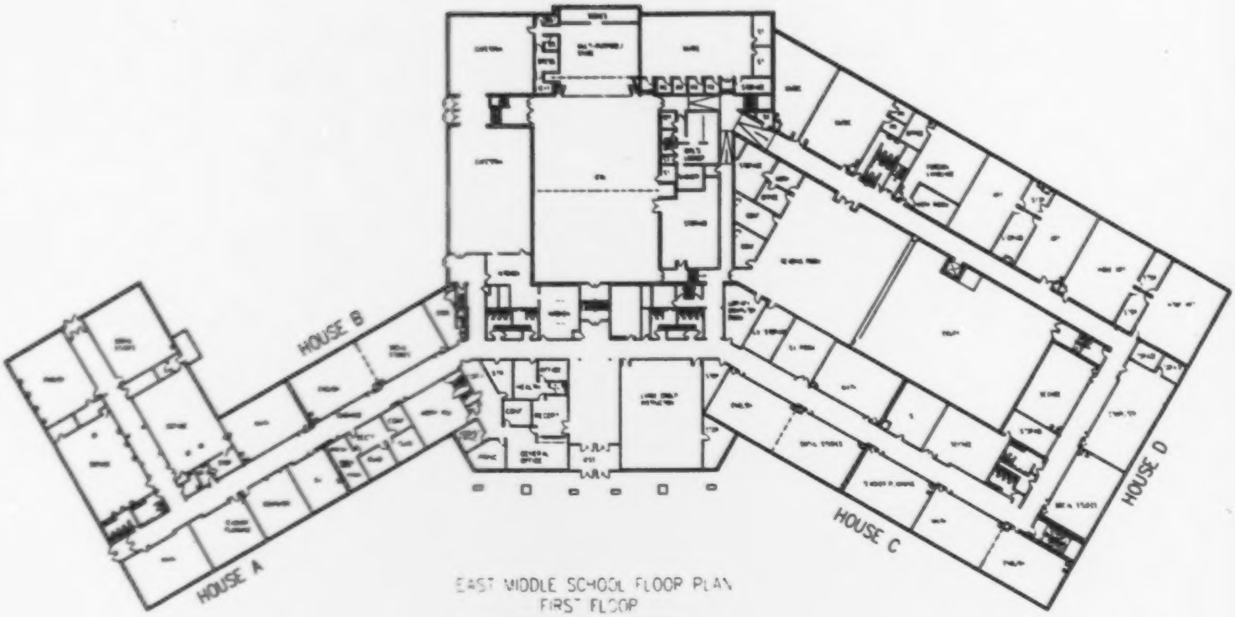
Costs:		
	Construction:	$15,450,000.00
	Site Work:	550,000.00
	Equipment:	1,400,000.00
	TOTAL:	$17,400,000.00

Cost per Sq. Ft.: $75.65

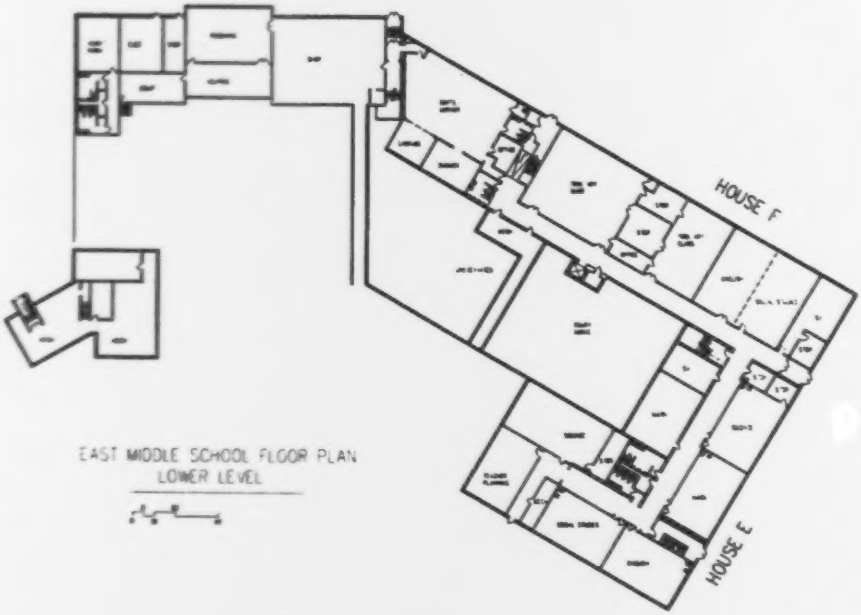
PROJECT DESCRIPTION: Renovation of existing bottlehouses at the old Schlitz Brewery into a six through eighth grade Middle School to serve up to 840 students and a satellite school to serve 120 students. A separate gymnasium and auditorium was built across the street and connected with a skywalk.

FEATURES

Floors:	Concrete block cast-in-place.
Exterior Walls:	Existing: 2' thick masonry, furred out with rigid insulation and GWB. New: double wythe masonry.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Double-hung, dual-glazed low E glass, heavy commercial aluminum windows.
Roof:	Sloped steel bar joist and metal deck, rigid insulation and ballasted single-ply membrane.
Floor Finishes:	Quarry tile in vestibules and lobby, ceramic tile in toilet rooms, carpet and vinyl tile in classrooms.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and GWB.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted GWB.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units, A.C. throughout.
Electrical:	2' x 4' lay-in lighting fixtures, typically, with indirect in computer rooms and decorative lighting in gallery and lobby.


HOUSE B
HOUSE A
HOUSE C
HOUSE D

EAST MIDDLE SCHOOL FLOOR PLAN
FIRST FLOOR


HOUSE F
HOUSE E

EAST MIDDLE SCHOOL FLOOR PLAN
LOWER LEVEL

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NAME OF SCHOOL: Oak Creek East Middle School Remodeling
GENERAL INFORMATION

Owner: Oak Creek/Franklin Joint School District
Robert Peck, Business Manager

Date Project Approved by S.D: Sept. 1991
Date Construction Start: June 1992
Date Construction Completion: August, 1993

Costs:
Construction: N/A included below
Site Work: N/A included below
Equipment: N/A included below

TOTAL: $3,180,051

Architect: Plunkett Raysich Architects
Kim Dale Hassell, AIA
(414) 359-3060

Construc. Mgr.: Grunau Project Dev.
(414) 272-0411

Area:
Site: 19.5 sq. ft.
Remodeling: 110,000 sq. ft.
Addition: 4,000
Cost per Sq. Ft.: Not available due to new construction and remodeling

PROJECT DESCRIPTION: The project's main emphasis was converting the Oak Creek junior high school into a middle school using the "House Concept". The remodeling of the existing 110,000 square foot building included classroom groupings, IMC, Cafeteria and Music Arts areas. To meet accommodate space problems a new "Front Door" was created which provides administration and large group instruction.

FEATURES

Site Development:

Floors:

Exterior Walls:

Interior Walls:

Windows:

Roof:

Floor Finishes:

Base:

Walls: Tackable wall surfaces in all classrooms provide an abundance of display space.

Ceilings:

HVAC: Air conditioning was added to the existing school.

Electrical:

Special Equipment: A new cable tray provides a wiring expressway to allow the school to easily add or change technologies as they develop.

No Floor Plan
Provided

MIDDLE SCHOOL ADDITION, ONALASKA, WISCONSIN

GENERAL INFORMATION

Owner: School District Onalaska
Robert Weber, District Administrator

Date Project Approved by S.D.:
Date Construction Start: May 1991
Date Construction Completion: September 1992

Costs:
Construction: $1,240,316
Site Work: -
Equipment: -
TOTAL: $1,240,316

Architect: HSR Associates, Inc.
(608) 784-1830

Contractor: TCI Builders
(608) 781-5700

Area:
Site: Existing
Building: 24,350 SF

Cost per Sq. Ft.: $50.94

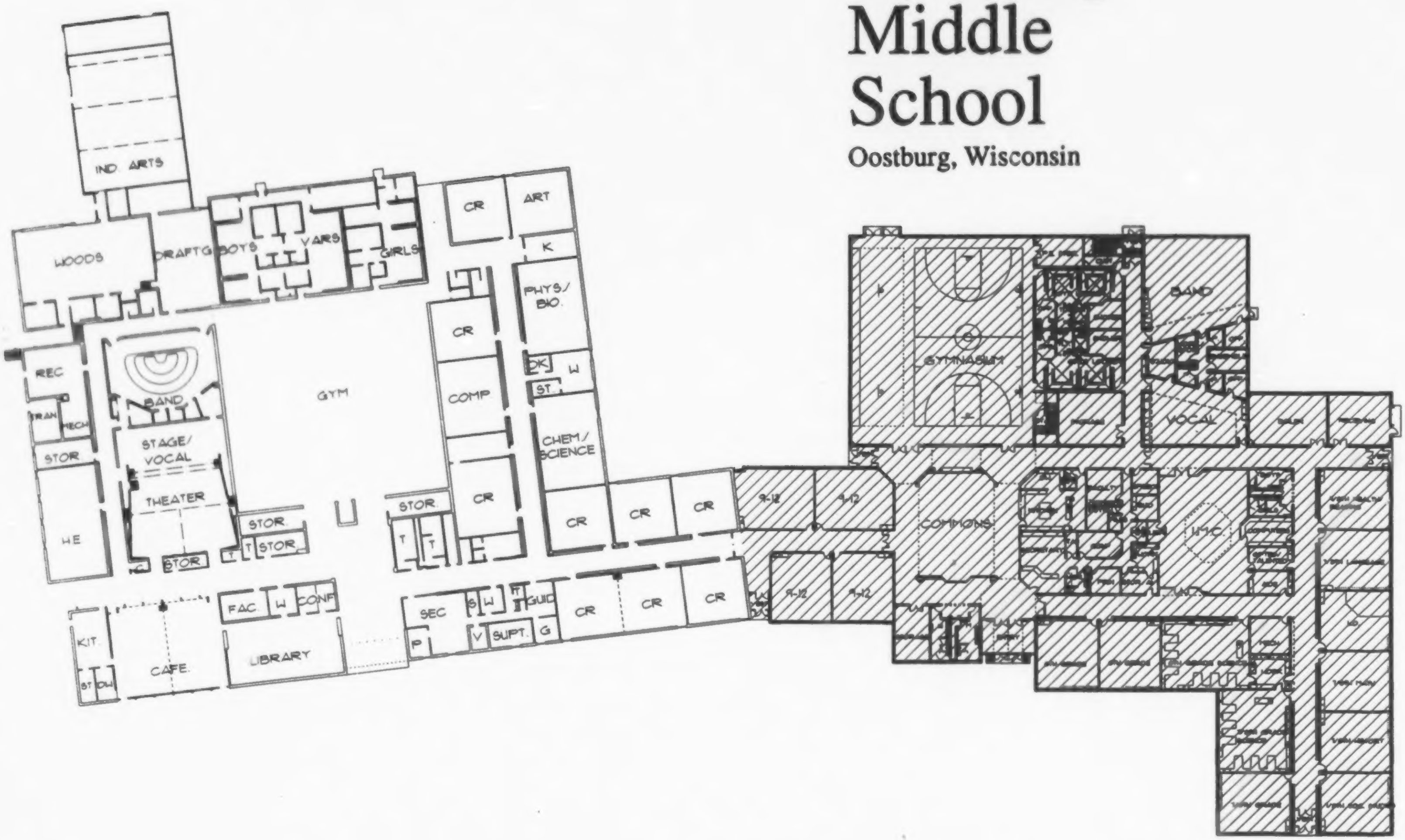
PROJECT DESCRIPTION: New addition including multi-purpose room and commons, clasrooms (art/tech ed), language lab, computer lab, science lab, storage, and conference room.

FEATURES

Site Development:	Hardsurface play area, seeding.
Floors:	Concrete slab on grade, carpet and vinyl.
Exterior Walls:	Split face concrete block, stucco, brick accent.
Interior Walls:	Gypboard and concrete block.
Windows:	Fixed anodized aluminum windows.
Roof:	Single ply membrane - EPDM.
Floor Finishes:	Vinyl composition tile in multi-purpose room, carpet.
Base:	Vinyl.
Walls:	Painted concrete block and vinyl covered gypboard.
Ceilings:	Acoustical tile.
HVAC:	Rooftop unit, constant volume reheat with electric duct coils. Air conditioning.
Electrical:	Typical 2 x 4 lay-in fixtures.
Special Equipment:	Barrel dust collector; casework in science and computer labs.

Oostburg Middle School

Oostburg, Wisconsin


IND. ARTS
WOODS
DRAFTG
BOYS
VARS
GIRLS
CR
ART
K
PHYS/ BIO.
REC
BAND
GYM
CR
COMP
DK
W
ST.
TRAN
MECH
STOR
STAGE/ VOCAL
CHEM/ SCIENCE
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KIT.
CAFE.
LIBRARY
P
V
SUPT.
G
ST
DW
GYMNASIUM
BAND
VOCAL
9-12
9-12
COMMONS
I.M.C.
9-12
9-12

■ **Bray**
■ **Associates**
■ **Architects**

NAME OF SCHOOL: OOSTBURG MIDDLE SCHOOL ADDITION

GENERAL INFORMATION

Owner: Oostburg School District
Dr. Marvin Hopland, District Administrator

Date Project Approved by S.D: May 1991
Date Construction Start: August 1991
Date Construction Completion: August 1992

Costs:		
	Construction:	$2,939,000
	Site Work:	$180,000
	Equipment:	$320,000
	TOTAL:	**$3,439,000**

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Joe Schmitt and Sons
(414) 457-4426

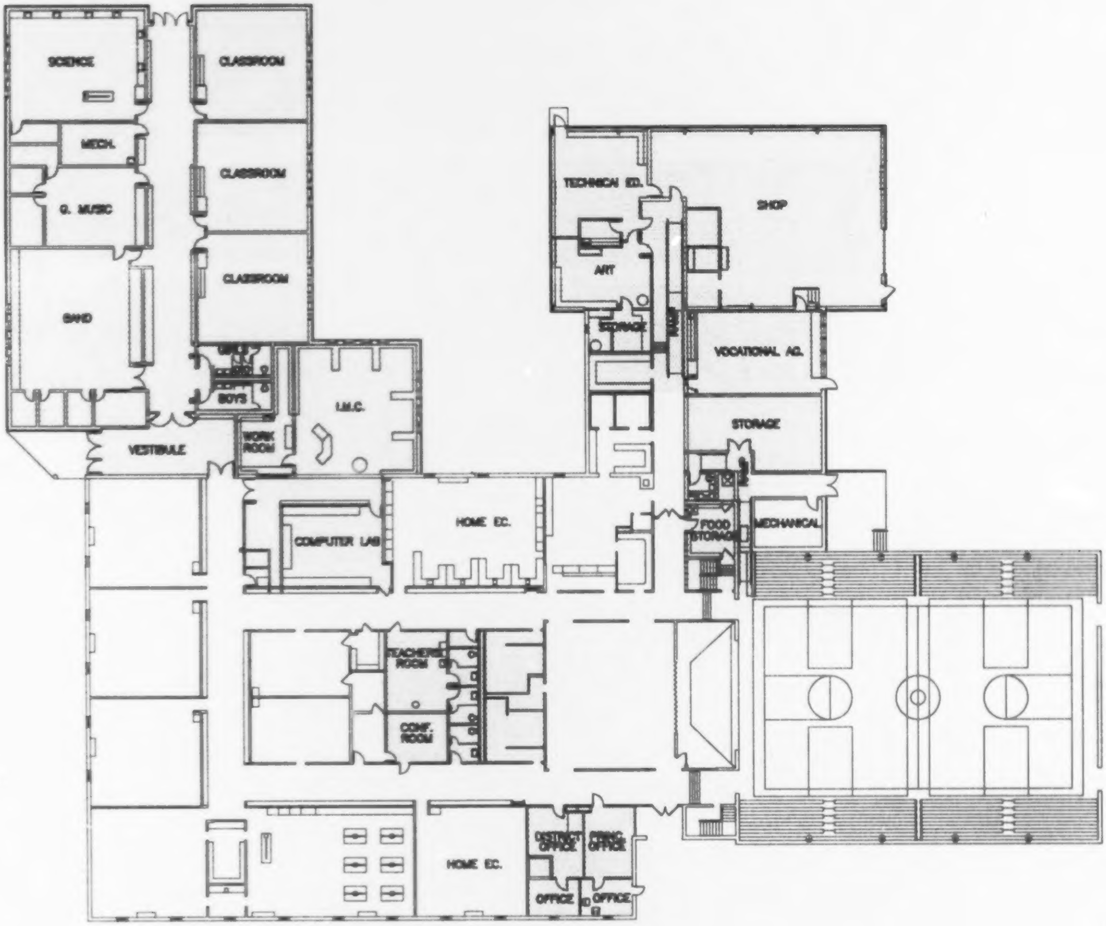
Area: Site: High School Site
Building: 61,400 SF

Cost per Sq. Ft.: $56

PROJECT DESCRIPTION: The addition provides a complete new 6-8 middle school plus four high school classrooms, a new gym, IMC, administrative offices and other areas to support both the existing high school and new middle school.

FEATURES

Site Development:	The existing high school site was sufficient to handle the new expansion with parking and minor areas for physical education added.
Floors:	Concrete slab on grade. Precast deck with topping. A precast floor system at the mezzanine.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


SCIENCE
CLASSROOM
MECH.
CLASSROOM
G. MUSIC
CLASSROOM
BAND
BOYS
WORK ROOM
I.M.C.
VESTIBULE
TECHNICAL ED.
SHOP
ART
STORAGE
VOCATIONAL AG.
STORAGE
COMPUTER LAB
HOME EC.
FOOD STORAGE
MECHANICAL
TEACHERS' ROOM
CONF. ROOM
HOME EC.
DISTRICT OFFICE
PRINC. OFFICE
OFFICE
OFFICE

PLUM CITY MIDDLE SCHOOL
PLUM CITY, WISCONSIN

FIRST FLOOR PLAN

☐ NEW CONSTRUCTION

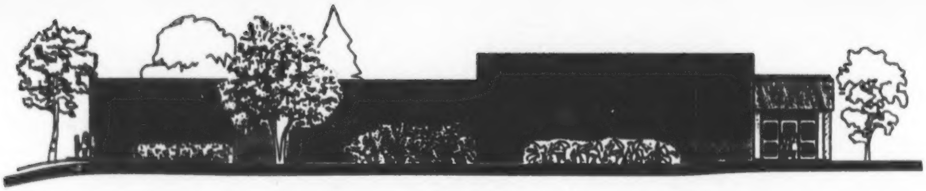
☐ EXISTING REMODELING

architects engineers land surveyors planners

cedar corporation

604 wilson avenue
menomonie, wisconsin 54751

715-235-9081
800-472-7372



NAME OF SCHOOL: PLUM CITY MIDDLE SCHOOL, PLUM CITY, WISCONSIN

GENERAL INFORMATION

Owner: School District of Plum City
Thomas R. Casey, Superintendent

Architect: Cedar Corporation
(715) 235-9081

Date Project Approved by S.D.: Dec. 12, 1992
Date Construction Start: March 20, 1993
Date Construction Completion: August 21, 1993

Contractor: G.T. Construction of Eau Claire
(715) 839-7119

Area: Site: 18 acres
Building: 50,200 sq. ft.

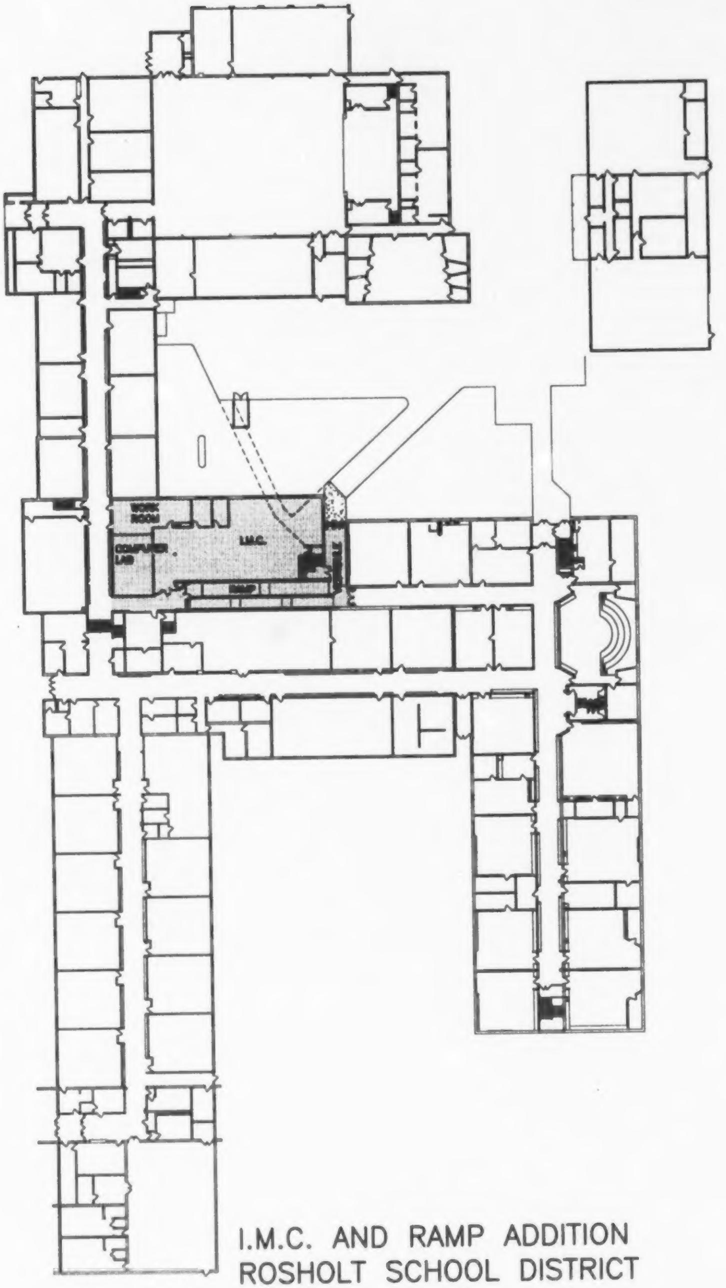
Costs:		
	Construction:	$ 968,000.00
	Site Work:	24,000.00
	Equipment:	48,000.00
	TOTAL:	$1,040,000.00

Cost per Sq.Ft.: **$62.44**

PROJECT DESCRIPTION: A 13,725 s.f. addition consisting of 6 classrooms, a band and choir room, music practice rooms, music storage rooms, IMC, IMC workroom, computer lab, long distance learning lab, and restrooms. The existing 36,475 s.f. building was extensively remodeled including a new boiler system, a new ventilation system, handicapped accessible restrooms, handicapped accessible locker room, art room, special education classroom, and administrative offices.

FEATURES

Site Development:	Seeding of grass, new sidewalks.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation and concrete block.
Interior Walls:	Concrete block walls and steel stud dry wall partition for the IMC ancillary spaces.
Windows:	Operable extruded aluminum thermally broken windows, double glazed Low E glass.
Roof:	Steel bar joists and metal deck with R-24 min. tapered rigid insulation and a ballasted single ply membrane.
Floor Finishes:	Vinyl composition tile in the corridors and classrooms, carpet in the IMC, ceramic tile in the restrooms.
Base:	Ceramic tile and vinyl.
Walls:	Epoxy painted concrete block in corridors and restrooms, painted concrete block in classrooms.
Ceilings:	2' x 2' lay-in-mineral fiber acoustical tile.
HVAC:	Modulating gas fired boilers serving perimeter baseboard heating units and air handling units. Air conditioning throughout IMC, computer lab, special education classrooms, and administrative offices.
Electrical:	2' x 4' lay-in troffer lighting.
Special Equipment:	Music room storage room cabinetry, portable risers, and sound absorption/reflective treatment; IMC equipment and furnishings; computer lab cabinetry; fire alarm; PA system; clocks; and telephone system.


WORK ROOM
COMPUTER LAB
I.M.C.
RAMP
VESTIBULE

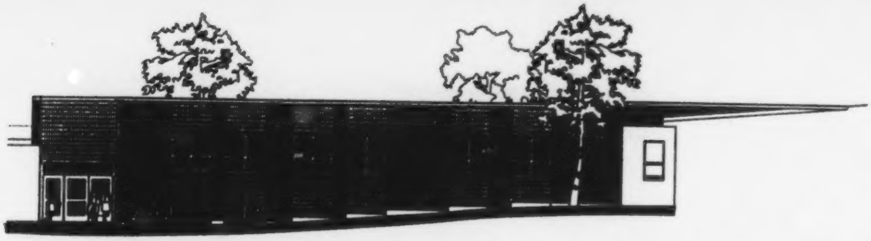
I.M.C. AND RAMP ADDITION
ROSHOLT SCHOOL DISTRICT

FIRST FLOOR PLAN ⊕

▨ NEW CONSTRUCTOIN

☐ EXISTING REMODELING

architects engineers land surveyors planners
cedar corporation
604 wilson avenue
menomonie, wisconsin 54751
715-235-9081
800-472-7372



NAME OF SCHOOL: ROSHOLT MIDDLE SCHOOL, ROSHOLT, WISCONSIN

GENERAL INFORMATION

Owner: Rosholt School District
Kathleen Martinsen, Administrator

Date Project Approved by S.D.: March 1992
Date Construction Start: July 15, 1992
Date Construction Completion: December 1992

Costs:	**Construction:**	$553,000
	Site Work:	12,000
	Equipment:	50,000
	TOTAL:	$615,000

Architect: Cedar Corporation
(715) 235-9081

Contractor: Oscar J. Boldt Construction
(715) 359-6581

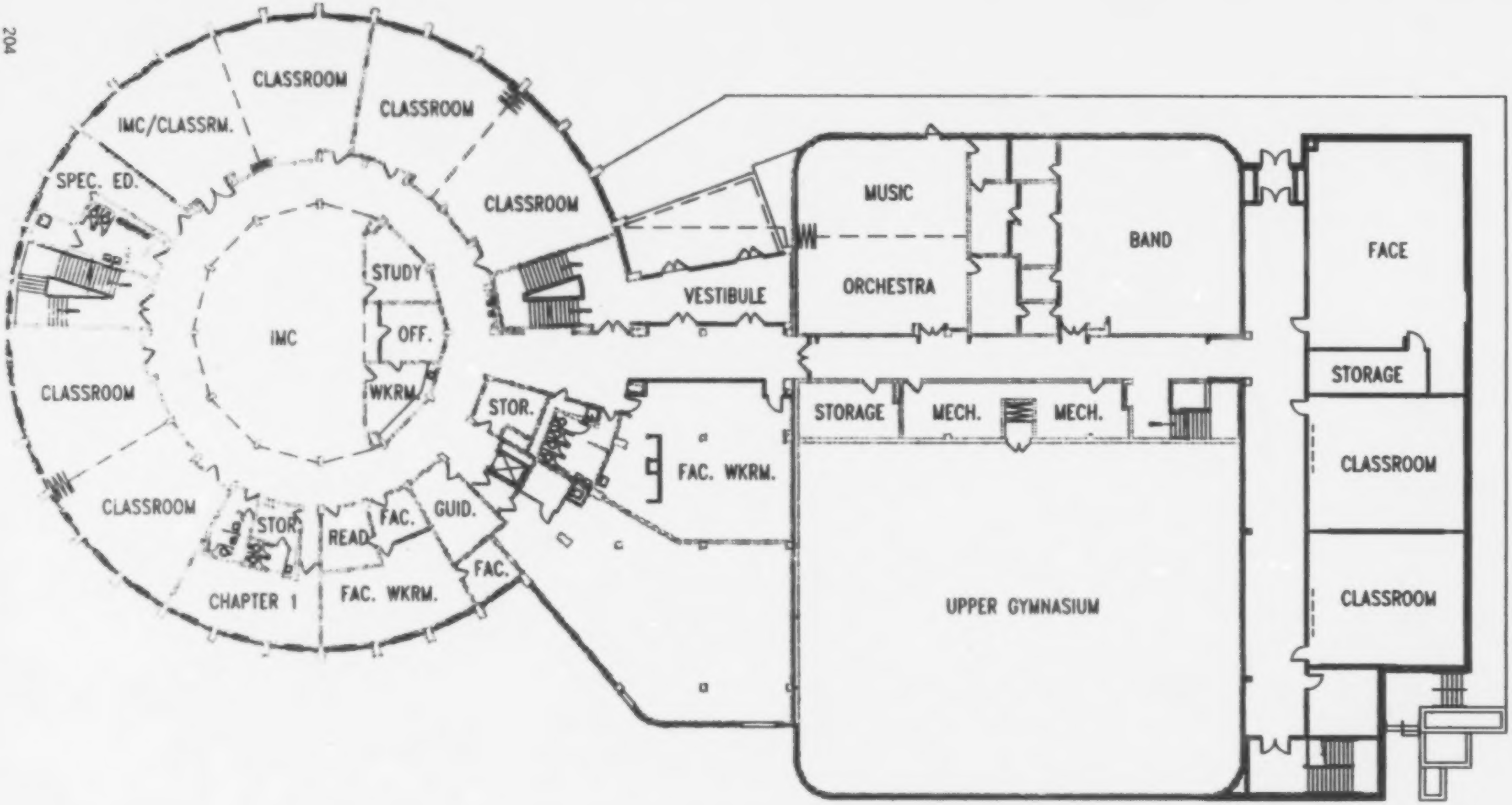
Area: Site: 10 Acres
Building 151,550.sq. ft.

Cost per Sq. Ft.: $67.58

PROJECT DESCRIPTION: A 9,100 sq. ft. addition consisting of IMC, conference room, computer lab, library office, work room, food storage, general building storage, and special education classroom. The existing 142,450 s.f. building was extensively remodeled including the conversion of classrooms to IMC, new roofing, and new HVAC system.

FEATURES

Site Development:	New sod, new landscaping, and new asphalt parking.
Floors:	Precast concrete plank.
Exterior Walls:	Face brick, 2" rigid insulation and concrete block.
Interior Walls:	Concrete block corridor walls and steel stud drywall partitions for IMC ancillary spaces.
Windows:	Operable extruded aluminum thermally broken windows, double glazed Low E glass.
Roof:	Steel bar joists and metal deck with an R-24 min. tapered rigid insulation and a fully adhered single ply membrane.
Floor Finishes:	Carpeting throughout IMC, vinyl composition tile in corridors, sealed concrete in storage areas.
Base:	Vinyl
Walls:	Epoxy painted concrete block in corridors, painted partitions in IMC.
Ceilings:	2' x 2' lay-in mineral fiber acoustical tile.
HVAC:	Modulating gas fired boilers serving perimeter baseboard heating units and air handling units. Air conditioning throughout IMC and computer lab.
Electrical:	2' x 4' lay-in troffer lighting.
Special Equipment:	Fire alarm system, PA system, clock.


CLASSROOM
CLASSROOM
IMC/CLASSRM.
SPEC. ED.
CLASSROOM
STUDY
IMC
OFF.
WKRM.
CLASSROOM
CLASSROOM
STOR.
READ
FAC.
GUID.
CHAPTER 1
FAC. WKRM.
FAC.
STOR.
VESTIBULE
MUSIC
ORCHESTRA
BAND
FACE
STORAGE
FAC. WKRM.
STORAGE
MECH.
MECH.
CLASSROOM
CLASSROOM
UPPER GYMNASIUM

FIRST FLOOR PLAN
SHOREWOOD INTERMEDIATE SCHOOL

273

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS

274

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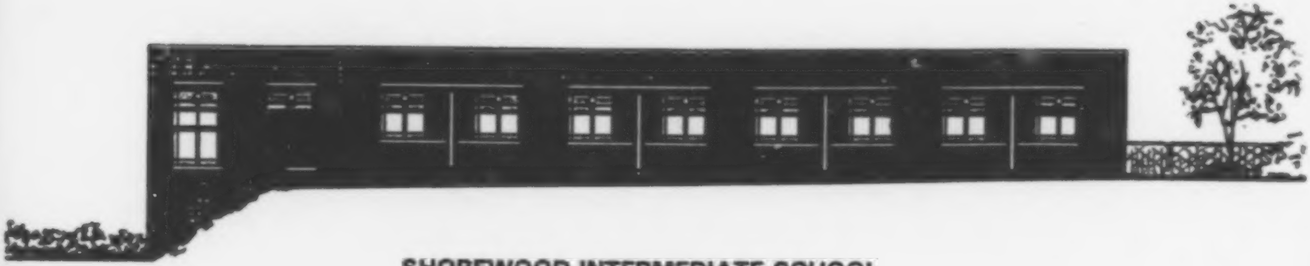


SHOREWOOD INTERMEDIATE SCHOOL
SHOREWOOD, WISCONSIN
GENERAL INFORMATION

Owner: School District of Shorewood
Jack Linihan, Superintendent

Date Project Approved by S.D.: December, 1991
Date Construction Start: July, 1992
Date Construction Completion: August, 1993

Costs:	Construction:	$1,221,000.00
	Site Work:	38,000.00
	Equipment:	46,000.00
	TOTAL:	$1,305,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Contractor: Hunzinger Construction Co.
(414)797-0797

Area: Site: 2.5 Acres
Building: 16,567 s.f.

Cost per Sq. Ft.: $78.77

PROJECT DESCRIPTION: Renovation and 12,000 square foot addition to an existing school serving seventh and eight grade students. Addition includes two standard classrooms, two science rooms, an art room and a family and consumer education room.

FEATURES

Site Development:	Site restoration.
Floors:	Concrete slab-on-grade and precast concrete deck.
Exterior Walls:	Brick cavity wall with 2" rigid insulation.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, double-hung aluminum windows.
Roof:	Sloped steel bar joists, and metal deck, rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, vinyl tile in classrooms and corridors.
Base:	Quarry tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units.
Electrical:	2' x 4' lay-in lighting fixtures, typically.
Special Equipment:	N.A.

No Floor Plan
Provided

NAME OF SCHOOL: SOUTH MILWAUKEE MIDDLE

GENERAL INFORMATION

Owner: School District of South Milwaukee
Robert D. Luckett Sr., District Administrator

Date Project Approved by S.D: August 20, 1990
Date Construction Start: August 9, 1990
Date Construction Completion: February 23, 1991

Costs:
Construction: $1,024,000
Site Work:
Equipment:
TOTAL: $1,024,000

Architect: Architects/Planners
(414) 258-9995

Contractor: James Lutelbech
(414) 722-1990

Area: Site:
Building:

Cost per Sq. Ft.:

PROJECT DESCRIPTION: 12 classroom addition, middle school,two story with provisions for future third story, toilets,storage,elevator & 2 labs.

FEATURES

Site Development: Minimal for new addition, added some off street parking for teachers.

Floors: Concrete slab-on-grade. Precast concrete plk w/topping.

Exterior Walls: Face brick, 2" rigid insulation and concrete block.

Interior Walls: Concrete block

Windows: Fixed and vented insulated alum windows.

Roof: P.C. PLK, rigid insulation and ballasted EPPM.

Floor Finishes: Terrazzo in corridors, VTC in classrooms, C. T. in TLTS

Base: Terrazzo in corridors, vinyl in classrooms.

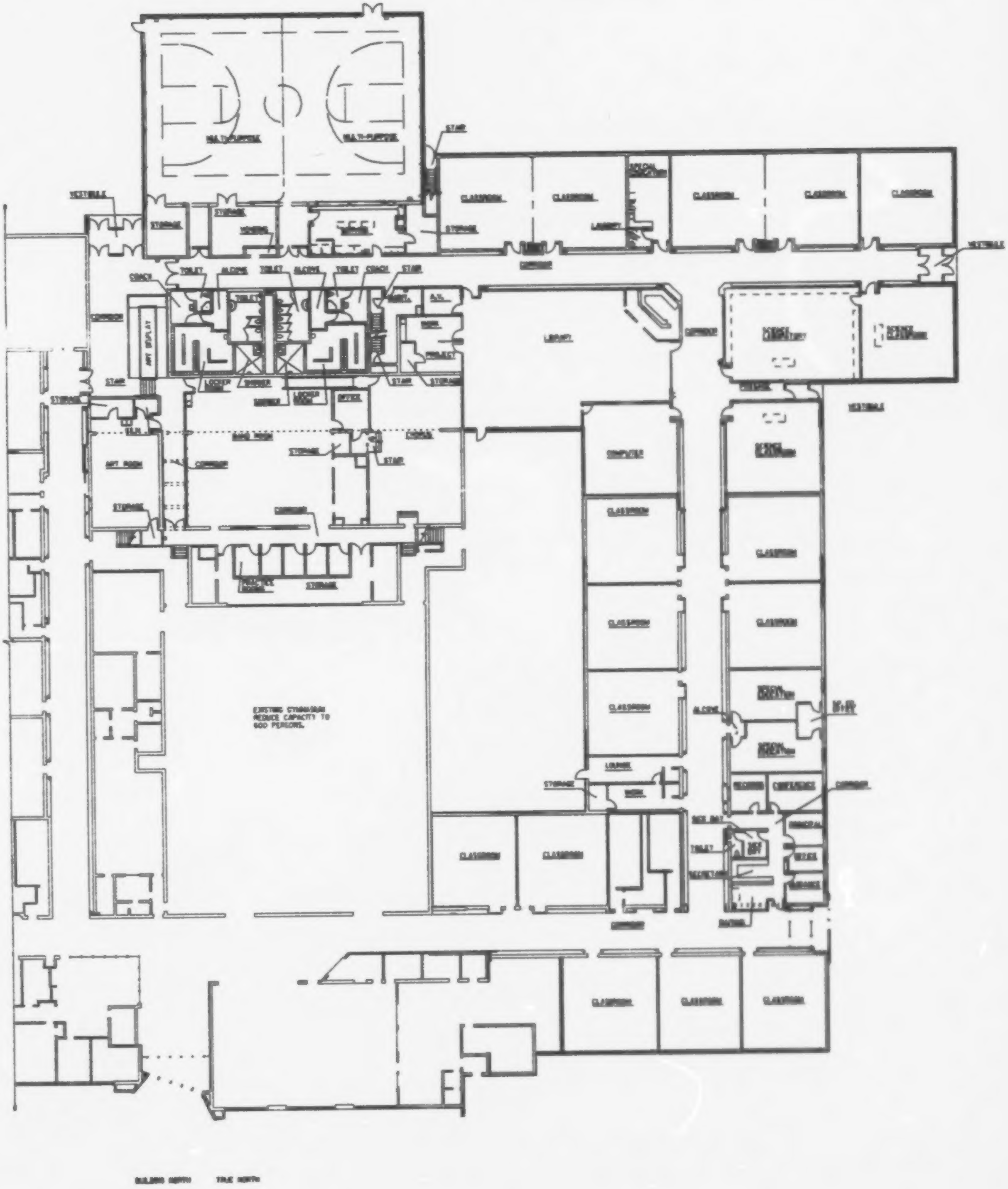
Walls: Painted concrete blocks in corridors, classrooms and storage.

Ceilings: 2 x 4 lay-in acoustical brd.

HVAC: Existing boiler and new chiller for air conditioning.

Electrical: 2 x 4 lay in troffer lighting in classrooms and corridor,;cable TV, clock, public address, heat & smoke detectors, and fire alarm system.

Special Equipment: Elevator


MULTI-PURPOSE
MULTI-PURPOSE
STAIR
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STORAGE
STORAGE
CLASSROOM
CLASSROOM
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CLASSROOM
CORRIDOR
VESTIBULE
TOILET
ALCOVE
TOILET
ALCOVE
TOILET
COACH
STAIR
COACH
CORRIDOR
ART DISPLAY
LIBRARY
CORRIDOR
STAIR
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OFFICE
BAND ROOM
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ALCOVE
EXISTING GYMNASIUM
REDUCE CAPACITY TO
600 PERSONS.
LOUNGE
STORAGE
WORK
RECORDS
CONFERENCE
CORRIDOR
TOILET
PRINCIPAL
OFFICE
SECRETARY
CLASSROOM
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BUILDING NORTH
TRUE NORTH

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NAME OF SCHOOL: TOMAHAWK MIDDLE SCHOOL
GENERAL INFORMATION

Owner: Tomahawk School District

Architect: Foth & Van Dyke
Green Bay, WI
(414) 497-2500

Date Project Approved by SD: 11/92
Date Construction Start: 04/93
Date Construction Complete: 11/93

Contractor: Wanta Builders

Costs: Construction: 1,608,221

Area: Building: New 31,500 sf
Remodel 9,680 sf
Cost per Sq Ft: New $45.34

PROJECT DESCRIPTION:

Planning and design services for an addition including 6 classrooms, science lab, library, special education room, lockers, serving kitchen; expansion of band chorus and art rooms; and remodeling for offices, special education and music areas.

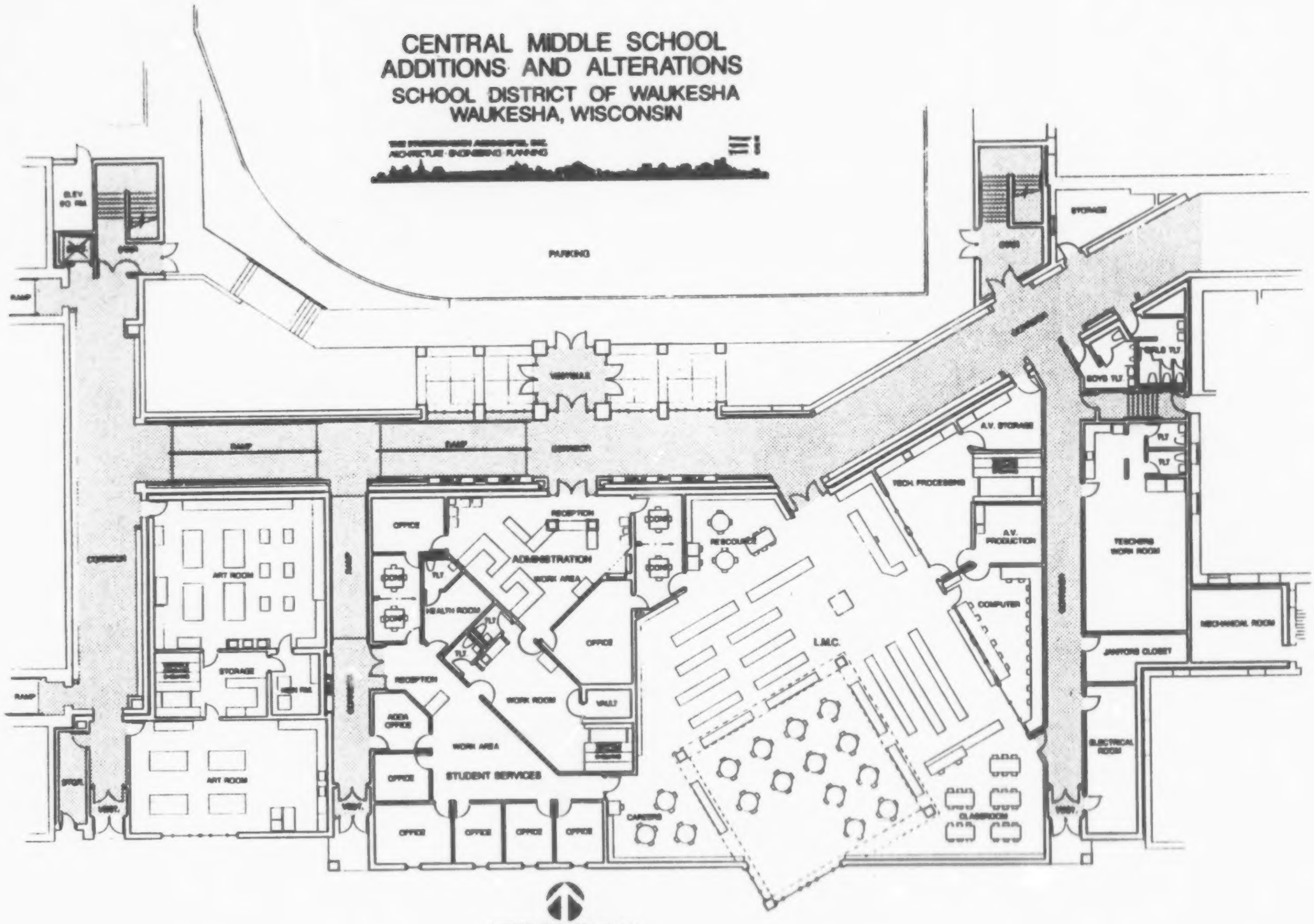
FEATURES

Site Development:	New service drive and relocation of utilities
Floors:	Concrete on grade, precast
Exterior Walls:	Brick/Insulation/Block
Interior Walls:	Block/Metal studs with drywall
Windows:	Aluminum sliding, low-E glass
Roof:	Membrane
Floor Finishes:	Carpet & VCT
Base:	Vinyl
Walls:	Paint
Ceilings:	Acoustic tile
HVAC:	Variable air with hot water baseboard radiation
Electrical:	Full sound and alarm system
Special Equipment:	Computer network (cost not included above)

CENTRAL MIDDLE SCHOOL
ADDITIONS AND ALTERATIONS

SCHOOL DISTRICT OF WAUKESHA
WAUKESHA, WISCONSIN

ARCHITECTURE · ENGINEERING · PLANNING


PARKING
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OFFICE
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RECEPTION
ADMINISTRATION
WORK AREA
TLT
HEALTH ROOM
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RECEPTION
AREA OFFICE
WORK ROOM
VAULT
WORK AREA
STUDENT SERVICES
OFFICE
OFFICE
OFFICE
OFFICE
OFFICE
RESOURCE
L.M.C.
CAREERS
CLASSROOM
TECH PROCESSING
A.V. STORAGE
A.V. PRODUCTION
COMPUTER
STORAGE
GIRLS TLT
BOYS TLT
TLT
TLT
TEACHERS WORK ROOM
MECHANICAL ROOM
JANITORS CLOSET
ELECTRICAL ROOM

FIRST FLOOR PLAN

SCALE

CENTRAL MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Waukesha School District
Robert Buchholtz, Exec. Dir. of Business Services

Date Construction Start: June 1991
Date Construction Completion: December 1993

Costs:	**Construction:**	$6,798,557
	Site Work:	117,193
	TOTAL:	$6,915,750

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Luterbach Construction
(414) 782-1990

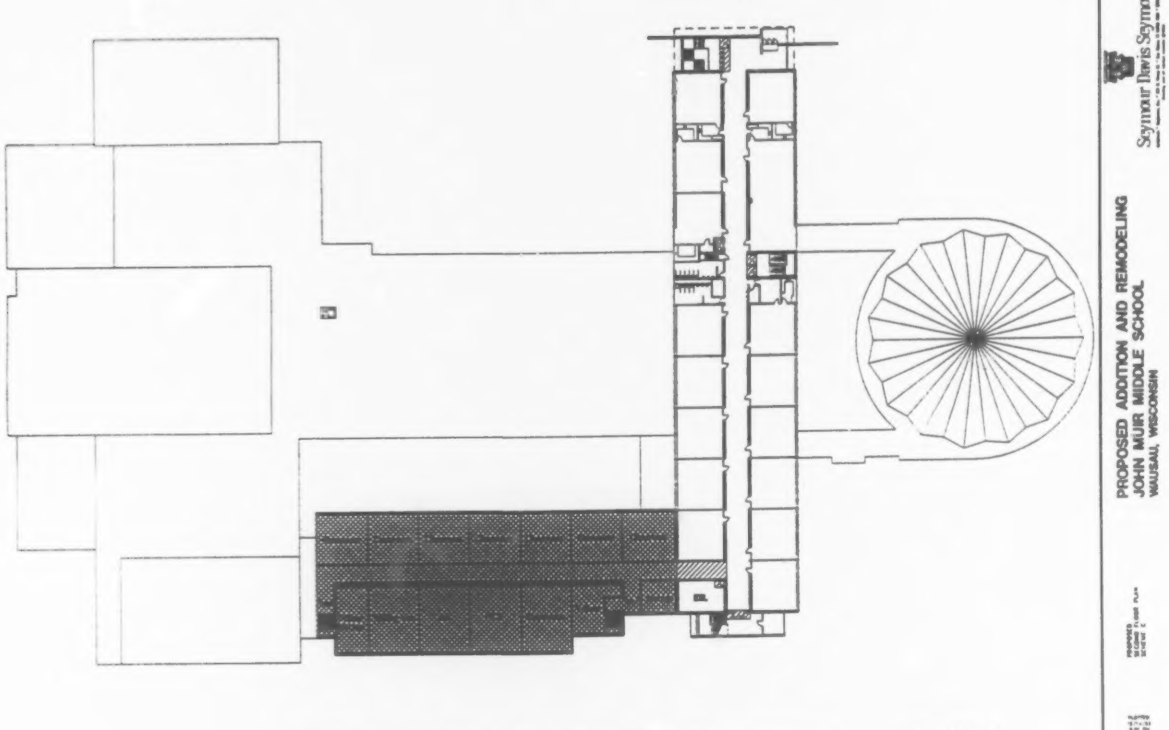
Area: **Building:** 22,200 sq. ft. addition
132,600 sq. ft. remodel

Cost per Sq. Ft.: $44.68 (combined)

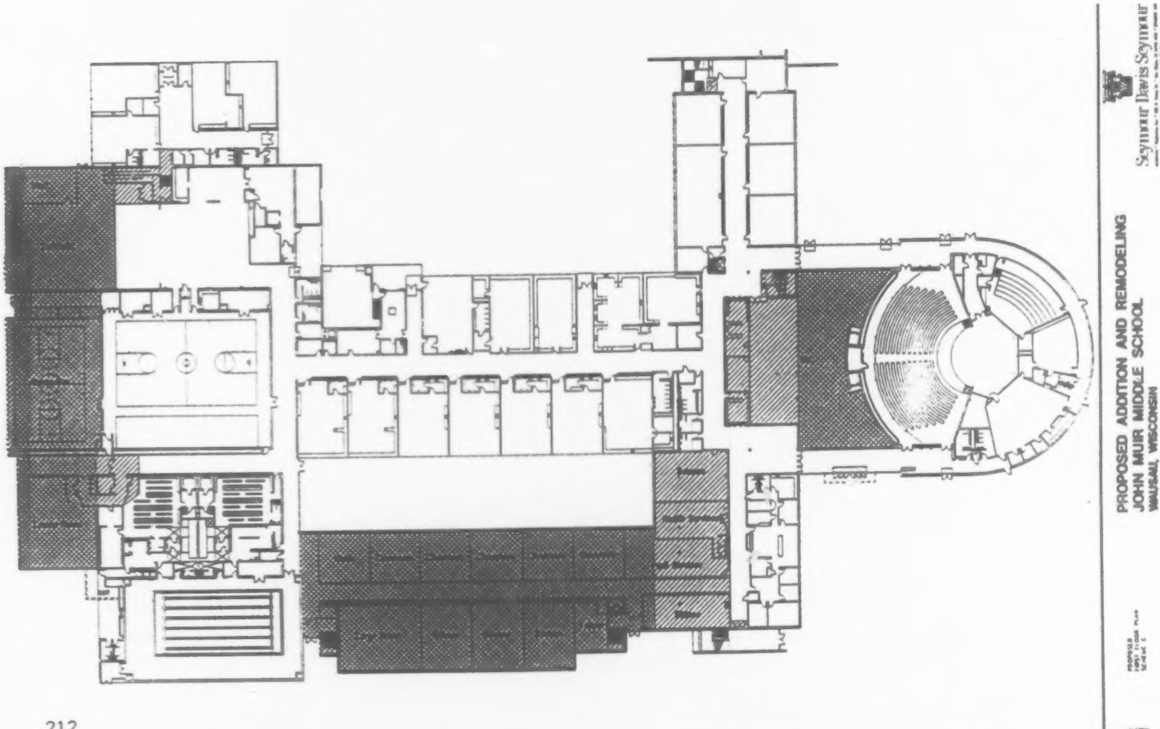
PROJECT DESCRIPTION: Three year, three phase remodeling of existing building with an addition included in phase 2. Remodeling consisted of enlarging classrooms, correcting code deficiencies within the building and complete replacement of HVAC and electrical systems. Entire scope of work was bid in Spring of 1991.

FEATURES

Site Development:	Demolition of a portion of the existing facility allowed for development of new front entry, parking lots, and outdoor physical education area.
Floors:	Addition = slab-on-grade. Removed existing wood floors in classrooms. Filled recess with cementitious material.
Exterior Walls:	1-1/2" thermo stud was attached to inside of existing wall to improve energy efficiency. Gypsum board was applied over thermo stud.
Interior Walls:	Existing plaster walls in classrooms were furred out and covered with gypsum board. Existing plaster walls in corridors were patched and painted.
Windows:	Complete window replacement was included in project. New windows were clad wood casements with bronze glass and slimshades.
Roof:	Existing roofs were patched as required. Roof on addition is ballasted EPDM.
Floor Finishes:	Carpet, VCT in selected areas. Existing terrazzo in corridors. Existing wood floor in each of two gymnasiums, ceramic tile in toilet rooms.
Base:	4" vinyl typical, ceramic tile in toilet rooms.
Ceilings:	2 x 2 lay-in throughout with tegular edge 2 x 2 lay-in in IMC and office area.
HVAC:	Office and internal classrooms are mechanically cooled with DX cooling and variable air volume system. All other rooms were ventilated with constant volume air system with separate heating coil in each room. Entire existing system was abandoned.


PROPOSED ADDITION AND REMODELING
JOHN MUIR MIDDLE SCHOOL
WAUSAU, WISCONSIN
Seymour Davis Seymour
C3

PROPOSED SECOND FLOOR PLAN **SCHEME C**


PROPOSED ADDITION AND REMODELING
JOHN MUIR MIDDLE SCHOOL
WAUSAU, WISCONSIN
Seymour Davis Seymour
C2

PROPOSED FIRST FLOOR PLAN **SCHEME C**

NAME OF SCHOOL: JOHN MUIR MIDDLE SCHOOL

GENERAL INFORMATION

Owner:
Wausau School District
Penny Kleinhans, District Administrator

Date Project Approved by S.D: April 1993
Date Construction Start: May 1993
Date Construction Completion: February 1994

Costs:	**Construction:**	$3,871,276
	Equipment:	$2,600
	TOTAL:	$3,873,876

Architect:
Seymour Davis Seymour Architects • Engineers, Inc.
(715) 832-1605

Contractor: Miron Construction Company
(414) 749-3060

Area: **Site:** 30 acres
Building: 54,940 addition, 19,300 remodeled
Cost per Sq. Ft: $63.00 new construction
$24.00 remodeling (avg.)

PROJECT DESCRIPTION: Addition included classrooms, cafeteria, gym and lockroom expansion, IMC and 5,500 square feet of remodeling to expand John Muir to a 200,000 square foot middle school and accomodating 6th graders from the elementary level.

FEATURES

Site Development: Develped bus circulation/drop off around building; developed landscaped courtyard between existing building and addition.

Floors: Slab on grade, precast slabs with concrete topping.

Exterior Walls: Face brick/concrete block cavity walls with 1 1/2" rigid insulation.

Interior Walls: Concrete block at corridors and classrooms. Gypsum board at office areas.

Windows: Aluminum awning type.

Roof: Fully adhered single-ply rubber membrane.

Floor Finishes: Terrazzo tile at corridors, carpet at classrooms and offices, ceramic tile at locker rooms and toilets, wood floor at gymnasium addition.

Base: Terrazzo at corridors, resilient at classrooms and offices, ceramic at locker rooms and toilets, wood in gymnasium.

Walls: painted concrete block in corridors and classrooms, gypsum board at offices.

Ceilings: 2 x 2 lay-in acoustical tile.

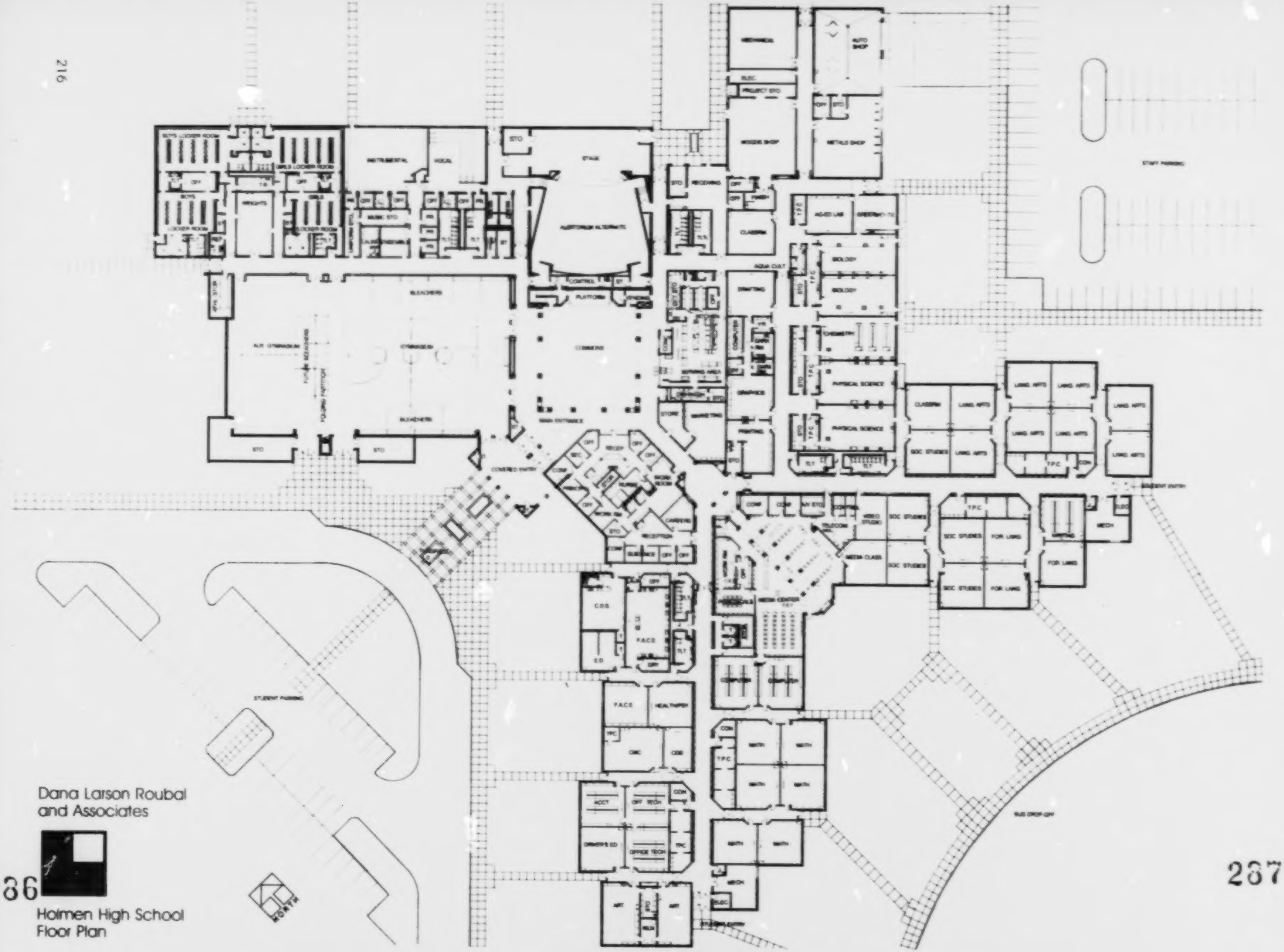
HVAC: Existing gas boilers accommodated addition. Classroom addition, IMC and remodeled offices were air conditioned.

Electrical: New fire alarm & communication/data systems throughout school. New emergency power generator, sound system at gym and lighting at pool.

Special Equipment: Handicapped elevator, Skylights and security system at IMC.

5. High Schools: New Buildings

Holmen
Waukesha


MECHANICAL
AUTO SHOP
WOODS SHOP
METALS SHOP
STAFF PARKING
BOYS LOCKER ROOM
GIRLS LOCKER ROOM
WEIGHTS
INSTRUMENTAL
VOCAL
STAGE
AUDITORIUM
CONTROL
PLATFORM
BLEACHERS
GYMNASIUM
COMMONS
MAIN ENTRANCE
COVERED ENTRY
STO
RECEIVING
CLASSRM
DRAFTING
COMPUTER
GRAPHICS
PRINTING
MARKETING
BIOLOGY
CHEMISTRY
PHYSICAL SCIENCE
CLASSRM
LANG ARTS
SOC STUDIES
FOR LANG
TPC
CON
MECH
STUDENT ENTRY
RECEPTION
GUIDANCE
MEDIA CENTER
MEDIA CLASS
VIDEO STUDIO
COS
FACE
HEALTH
OFF TECH
ACCT
DRIVER'S ED
OFFICE TECH
COMPUTER
MATH
ART
ELEC
STUDENT PARKING
BUS DROP-OFF
NORTH

Dana Larson Roubal
and Associates

Holmen High School
Floor Plan

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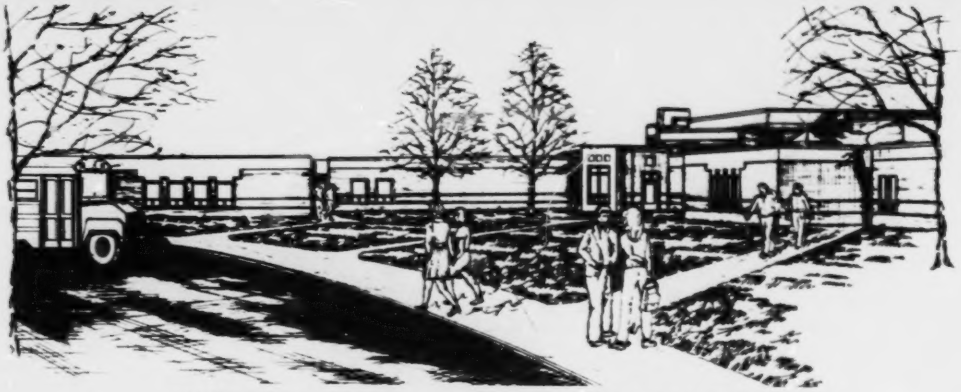


NAME OF SCHOOL: HOLMEN HIGH SCHOOL

GENERAL INFORMATION

Owner: School District of Holmen
Dr. Fred Frick, District Administrator

Date Project Approved by S.D.: April, 1992
Date Construction Start: November, 1992
Date Construction Completion: July, 1994

Cost:		
	Construction:	$8,939,982
	Site Work:	$968,000
	Equipment:	$1,146,018
	TOTAL:	$11,054,000

Architect: Dana Larson Roubal and Associates
Minneapolis, MN 612-831-7773
Appleton, WI 414-733-4510

Construction Manager: Value Management, Minneapolis, MN 612-831-9316

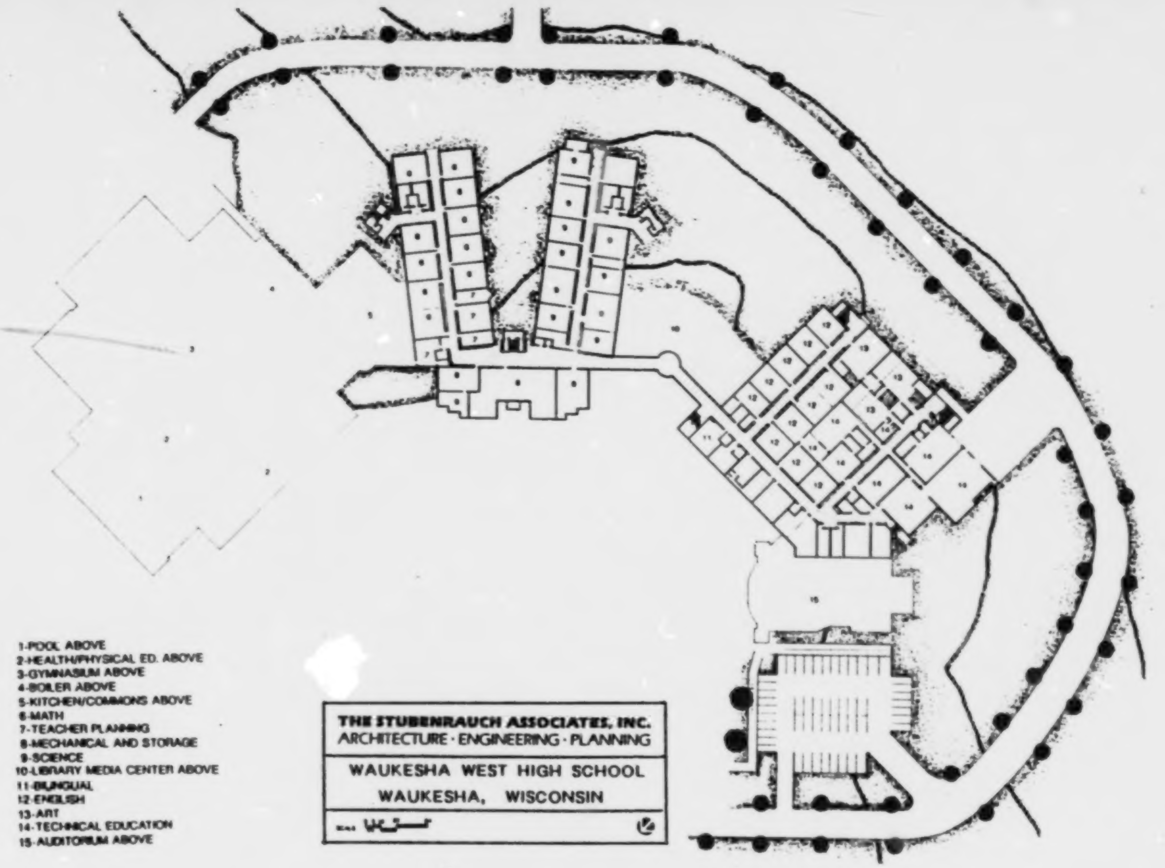
Area:		
	Site:	79 Acres
	Building:	176,800 sq.ft.

Cost Per Sq. Ft.		
	Building:	$50.56
	Site:	$5.48
	Equipment:	$6.48

PROJECT DESCRIPTION: Single story building will initially serve 900 students. The plan easily accommodates future additions for up to 1,200 students. A central commons/cafeteria area is the hub for 3-station gymnasium complex, 500-seat auditorium, classrooms wings centered on the media center.

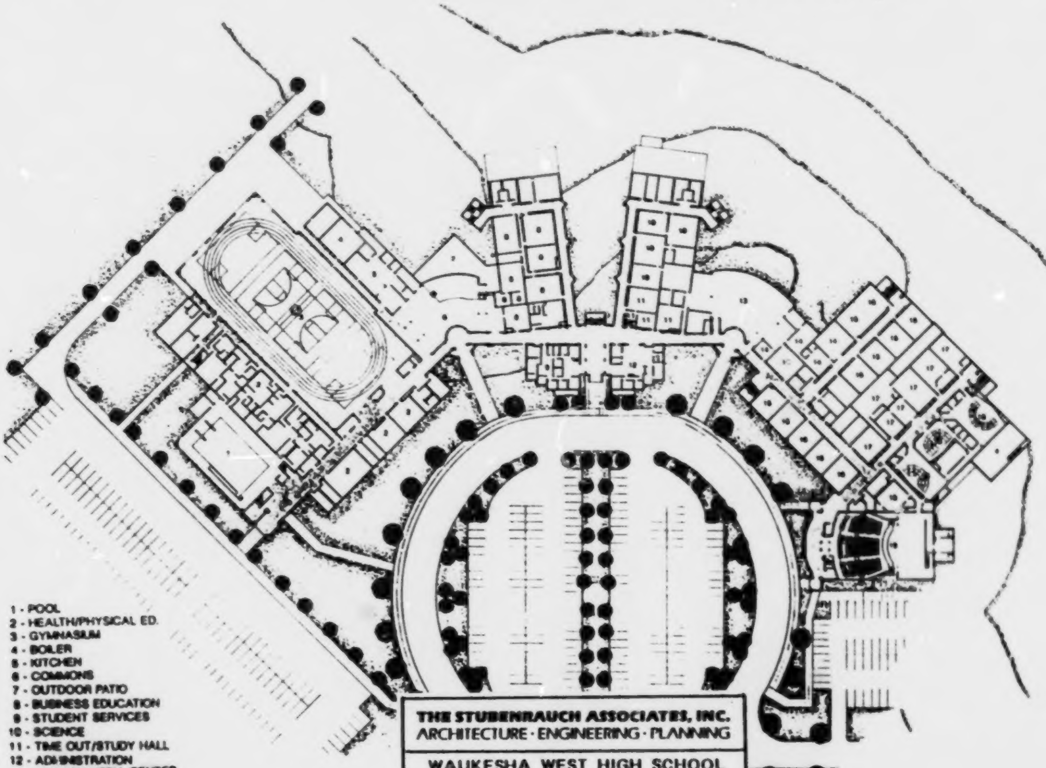
FEATURES

Site Development:	Clear and grade site for building, parking and playfields.
Floors:	Concrete slab on grade. Precast concrete at mechanical mezzanine.
Exterior Walls:	Face brick, 2 inch rigid insulation and concrete block and exterior insulation system.
Interior Walls:	Ground face block and face brick at commons and corridors, concrete block and gypsum board walls at low traffic areas.
Windows:	Fixed and operable thermally broken aluminum, slide by type. Skylights at public areas.
Roof:	Sloped steel bar joists and metal deck with rigid insulation and ballasted EPDM membrane.
Floor Finishes:	Terrazzo tile in commons, carpet in corridors, quarry tile in kitchen, ceramic tile in restrooms. Wood gym floor.
Base:	Glazed concrete block at commons and corridors. Vinyl base at other areas.
Walls:	Ground face block and brick at commons, corridors and auditorium, painted concrete block and vinyl wall covering.
Ceilings:	2 x 4 lay in acoustical tile. Cement plaster at locker rooms.
HVAC:	Air conditioned facility with gas fired modular boilers, zoned variable air volume system with reheat coils in ductwork. Computer monitored control systems.
Electrical:	1 x 4 and 2 x 4 lay in troffer, parabolic type at computer areas. Power and data raceways to all rooms. Site lighting, cable television.
Special Equipment:	Fire alarm and detection system, integrated telephone/intercom/clock/program system, security system, kitchen equipment. gymnasium P.A. system, bleachers.



1-POOL ABOVE
2-HEALTH/PHYSICAL ED. ABOVE
3-GYMNASIUM ABOVE
4-BOILER ABOVE
5-KITCHEN/COMMONS ABOVE
6-MATH
7-TEACHER PLANNING
8-MECHANICAL AND STORAGE
9-SCIENCE
10-LIBRARY MEDIA CENTER ABOVE
11-BILINGUAL
12-ENGLISH
13-ART
14-TECHNICAL EDUCATION
15-AUDITORIUM ABOVE

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING
WAUKESHA WEST HIGH SCHOOL
WAUKESHA, WISCONSIN



1 - POOL
2 - HEALTH/PHYSICAL ED.
3 - GYMNASIUM
4 - BOILER
5 - KITCHEN
6 - COMMONS
7 - OUTDOOR PATIO
8 - BUSINESS EDUCATION
9 - STUDENT SERVICES
10 - SCIENCE
11 - TIME OUT/STUDY HALL
12 - ADMINISTRATION
13 - LIBRARY MEDIA CENTER
14 - MEDIA SERVICES
15 - SOCIAL STUDIES
16 - FOREIGN LANGUAGES
17 - FAMILY & CONSUMER EDUCATION
18 - MUSIC

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WAUKESHA, WISCONSIN

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WAUKESHA WEST HIGH SCHOOL

GENERAL INFORMATION

Owner: Waukesha School District
David Kampschroer, District Administrator

Date Project Approved by S.D:	February 1990
Date Construction Start:	September 1991
Date Construction Completion:	August 1993

Costs:	**Construction:**	$20,483,544
	Site Work:	1,878,495
	TOTAL:	$22,362,039

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Oscar J. Boldt Construction
(414) 544-9118

Area: **Site:** 82 acres
Building: 298,202 sq. ft.

Cost per Sq. Ft.: $74.99

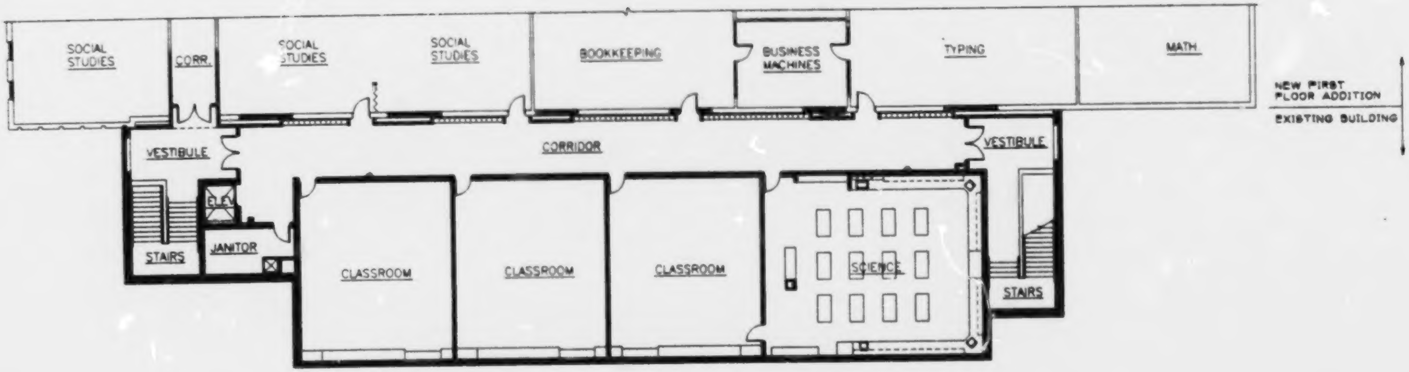
PROJECT DESCRIPTION: New senior high school with 1,800+ student capacity features advanced technological components. A two level academic area is centrally located. The Fine Arts area has a 500 seat auditorium. Athletic area includes large playing fields, house, and pool.

FEATURES

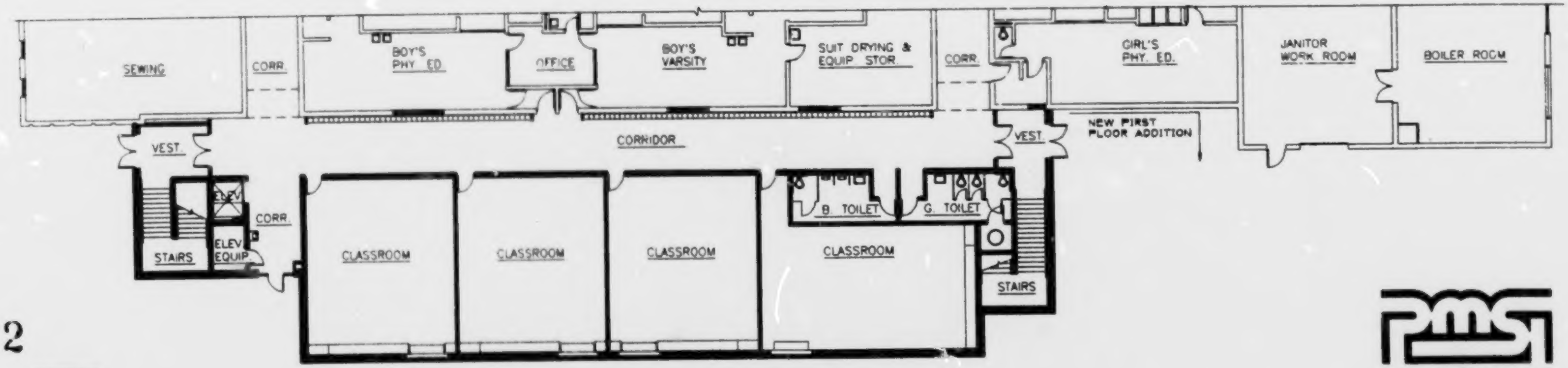
Site Development:	Large athletic complex, parking, sloping site with existing ponds.
Floors:	Precast concrete plank.
Exterior Walls:	Concrete block bearing walls clad with face brick and split-face concrete block.
Interior Walls:	Concrete block and gypsum board on metal studs.
Windows:	Aluminum casement units with integral blinds and aluminum curtain wall and aluminum framed skylights.
Roof:	Single ply membrane and standing seam metal.
Floor Finishes:	Carpet, VCT, ceramic tile, poured quartz, poured athletic floor.
Base:	Vinyl base, ceramic tile.
Walls:	Painted block or gypsum board, glass block, split face block, ceramic tile, folding panel partitions.
Ceilings:	Acoustical tile, painted exposed deck, linear metal ceiling, acoustical ceiling baffles, painted gypsum board, acoustical clouds.
HVAC:	Two boilers generate steam distributed to air handling units. Air conditioned with large spaces on a non-simultaneous basis
Electrical:	Prismatic lensed fixtures for lighting as well as direct and indirect fixtures. Complete stage lighting, fire alarm, telephone, cable TV, master clock, public address, sound systems, and emergency generator. Planned for high technology communications with computer capabilities and facilities for distance learning.

6. High Schools: Additions and Remodeling

Auburndale
Baldwin-Woodville
Beloit
Cameron
Clintonville
Dodgeland
Eau Claire
Galesville-Ettrick-Trempealeau
Janesville
Kenosha
Southern Door
Sturgeon Bay
Waunakee


SOCIAL STUDIES
CORR.
SOCIAL STUDIES
SOCIAL STUDIES
BOOKKEEPING
BUSINESS MACHINES
TYPING
MATH
NEW FIRST FLOOR ADDITION
EXISTING BUILDING
VESTIBULE
CORRIDOR
VESTIBULE
ELEV
JANITOR
STAIRS
CLASSROOM
CLASSROOM
CLASSROOM
SCIENCE
STAIRS

AUBURNDALE HIGH SCHOOL
SECOND FLOOR ADDITION PLAN


SEWING
CORR.
BOY'S PHY. ED.
OFFICE
BOY'S VARSITY
SUIT DRYING & EQUIP. STOR.
CORR.
GIRL'S PHY. ED.
JANITOR WORK ROOM
BOILER ROOM
VEST.
CORRIDOR
VEST.
NEW FIRST FLOOR ADDITION
ELEV
CORR.
STAIRS
ELEV EQUIP
CLASSROOM
CLASSROOM
CLASSROOM
CLASSROOM
B. TOILET
G. TOILET
STAIRS

NORTH

AUBURNDALE HIGH SCHOOL
FIRST FLOOR ADDITION PLAN

PROFESSIONAL
MANAGEMENT
SERVICES, INC.

NAME OF SCHOOL: AUBURNDALE HIGH SCHOOL

GENERAL INFORMATION

Owner: Auburndale School District
Gary Rooney, District Administrator

Date Project Approved by S.D:
Date Construction Start: 5/1/93
Date Construction Completion: 9/15/93

Costs:		
	Construction:	552,830.65
	Site Work:	13,200.00
	Equipment:	166,140.85
	TOTAL:	732,171.50

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: 15,250 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: High School Building Addition

FEATURES

Site Development:

Floors: Concrete slab-on-grade and precast concrete flat slabs.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable aluminum clad wood windows, double glazing, and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient flooring and terrazzo.

Base: Vinyl and ceramic tile.

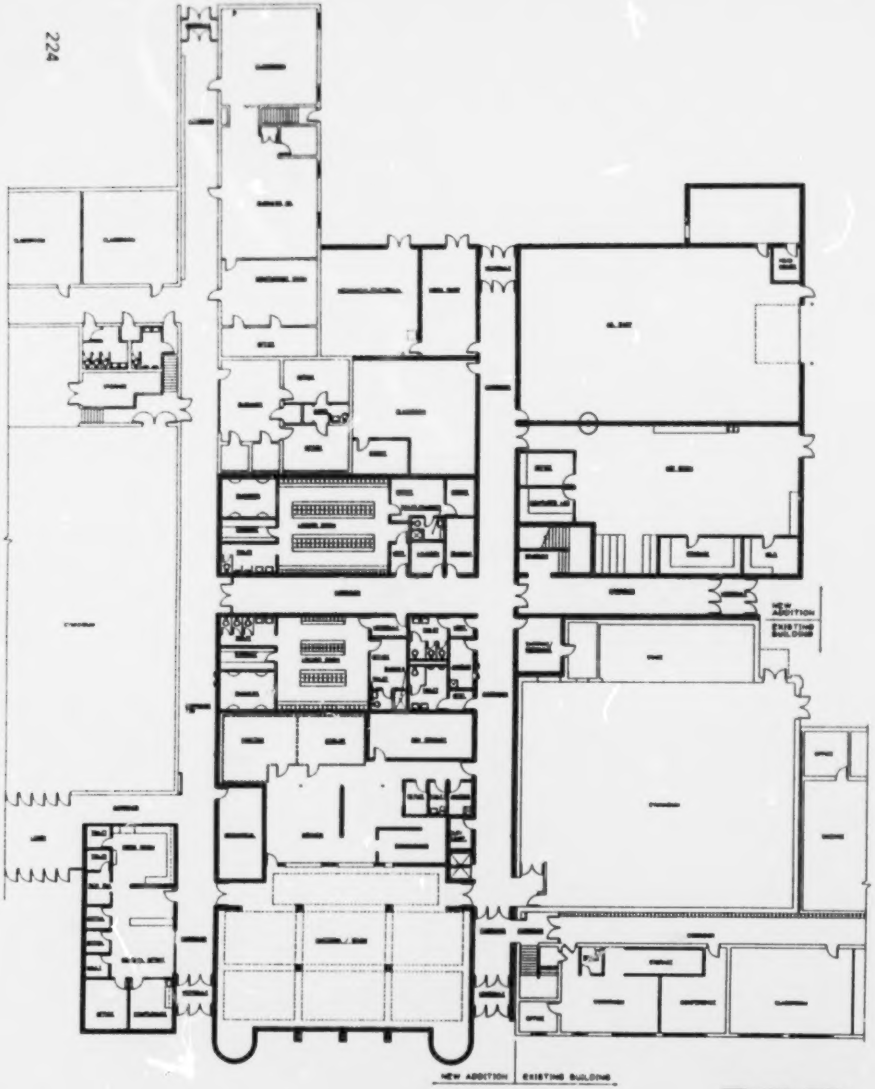
Walls: Painted concrete block, latex or epoxy, or vinyl wall covering.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

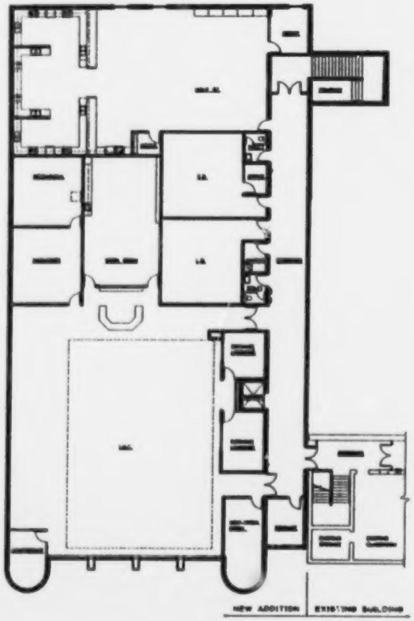
Special Equipment: Laboratory fume hoods, hydraulic passenger elevators, fire alarm system, and intercom system.


NEW ADDITION
EXISTING BUILDING
NEW ADDITION
EXISTING BUILDING

NORTH

BALDWIN-WOODVILLE HIGH SCHOOL
FIRST FLOOR ADDITION PLAN

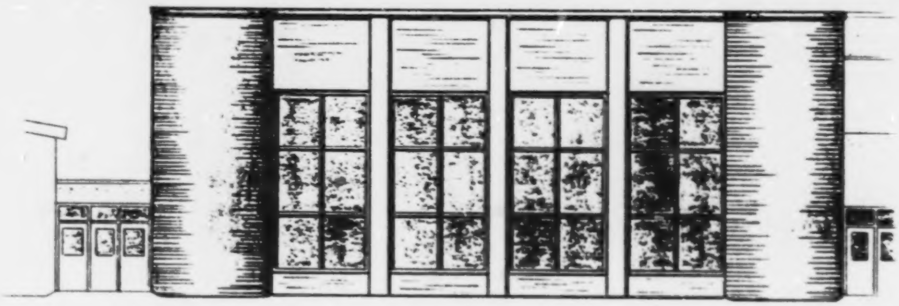
PROFESSIONAL
MANAGEMENT
SERVICES, INC.


NEW ADDITION
EXISTING BUILDING

NORTH

BALDWIN-WOODVILLE HIGH SCHOOL
SECOND FLOOR ADDITION PLAN

PROFESSIONAL
MANAGEMENT
SERVICES, INC.



NAME OF SCHOOL: BALDWIN HIGH SCHOOL

GENERAL INFORMATION

Owner: Baldwin-Woodville Area School District
Duane Lones, District Administrator

Date Project Approved by S.D:
Date Construction Start: 6/1/92
Date Construction Completion: 4/1/93

Costs:

Construction:	1,098,634.00
Site Work:	52,780.00
Equipment:	1,165,391.64
TOTAL:	2,316,855.64

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 5,200 s.f.
Addition: 40,000 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Demolition, additions, and remodeling to Baldwin High School

FEATURES

Site Development:

Floors: Concrete slab-on-grade and precast concrete.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block and metal stud.

Windows: Fixed and operable aluminum clad wood windows, double glazing.

Roof: Steel bar joist and metal decking or concrete flat slab and rigid e.p.s. insulation, and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient and hard flooring.

Base: Resilient coved, glazed tile, quarry tile, and ceramic tile.

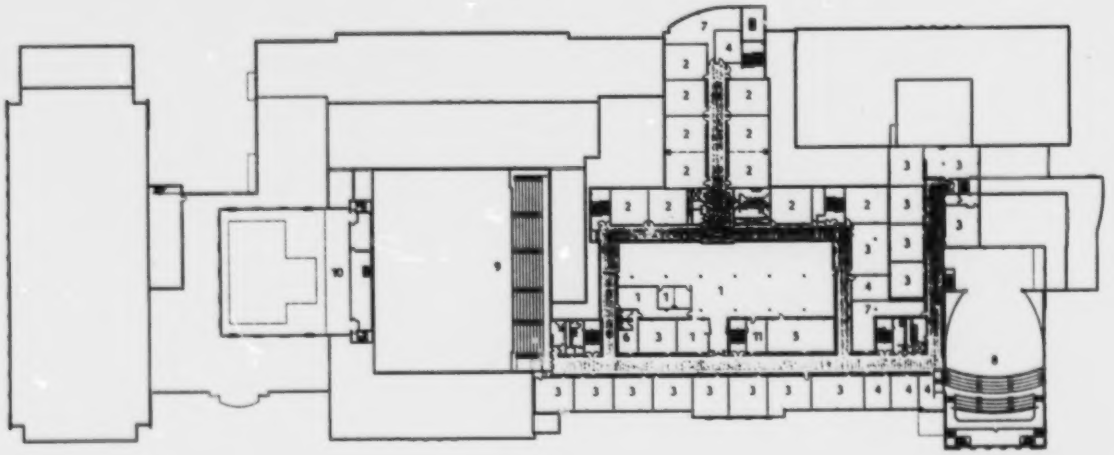
Walls: Painted concrete block or gypsum board, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Food service equipment, cushioned wall panels, fire alarm systems, public address systems, and two-story 2,000 lb. hydraulic passenger elevators.



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1. IMC
2. Social Studies
3. English
4. Special Education
5. Academic Support
6. Staff Workroom
7. Department Office
8. Auditorium Balcony
9. Arena Balcony
10. Pool Balcony
11. Central Technology Control

CIRCULATION
EXISTING BUILDING

SECOND FLOOR
BELOIT MEMORIAL HIGH SCHOOL
BELOIT, WISCONSIN

N

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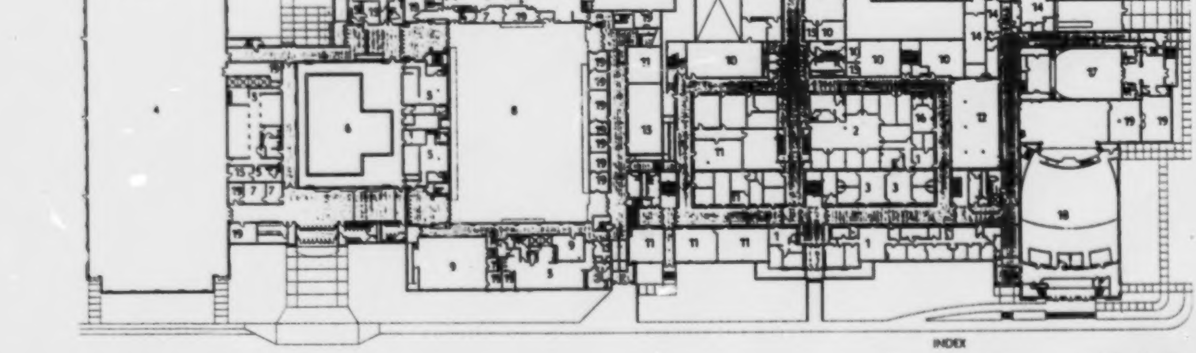
0 16' 32' 64' 128'

Potter Lawson
Architects Engineers Interiors



INDEX

1. Administration
2. Student Center
3. Attendance
4. Multi-Purpose
5. Locker Room
6. Pool
7. Athletic Director
8. Arena
9. Activity Space
10. Science
11. Special Education
12. Chorus/ Orchestra
13. Band
14. Music
15. Department Office
16. Staff Workroom
17. Little Theater
18. Auditorium
19. Storage
20. Boiler Plant

FIRST FLOOR
BELOIT MEMORIAL HIGH SCHOOL
BELOIT, WISCONSIN

Beloit Memorial High School Addition and Remodeling

Owner: Beloit School District
Dr. Rosa Smith, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: May 1992
Date Construction Start: August 1993
Date Construction Completion: August 1995

Contractor: J.P. Cullen & Sons

Construction Cost: $20,800,000

Area: **Site:** 38 acres
Building: 225,000 Addition
215,000 Renovation

Project Description: A large addition in conjunction with major renovation will increase the number of general classrooms, provide all new state-of-the-art science labs, computer facilities, and central boiler plant. Special instructional spaces include a "school within a school", commercial foods lab, daycare center, writing lab, and principles of technology lab. New athletic facilities include a four station multi-purpose fieldhouse, locker rooms, and spectator lobby. Additional site area will result in significant redevelopment, several new phy-ed/practice fields, and new parking areas.

Site Development: Parking for 500 cars, Riverwalk development adjacent to the Rock River, landscaping, softball and basketball fields, practice football and soccer fields, delivery area, and a trash enclosure.

Floors: Post-tensioned concrete, precast concrete, concrete slab on grade.

Exterior Walls: Face brick, rigid insulation, concrete block back-ups, exterior insulation and finish system on concrete block back-up.

Interior Walls: Concrete block, drywall on metal studs, demountable partitions, moveable panel partitions, ground face concrete block, acoustic block (fieldhouse).

Windows: Operable aluminum with insulated glass, insulated translucent panels in the fieldhouse.

Roof: Ballasted EPDM, modified bituminuous.

Floor Finishes: Resilient tile (classrooms and corridors), carpet (LMC, corridors and offices), maple gym flooring (fieldhouse), ceramic tile (restrooms), seamless epoxy (locker and shower rooms).

Base: Glazed block (corridors), vinyl (classrooms), ceramic tile (restrooms and showers).

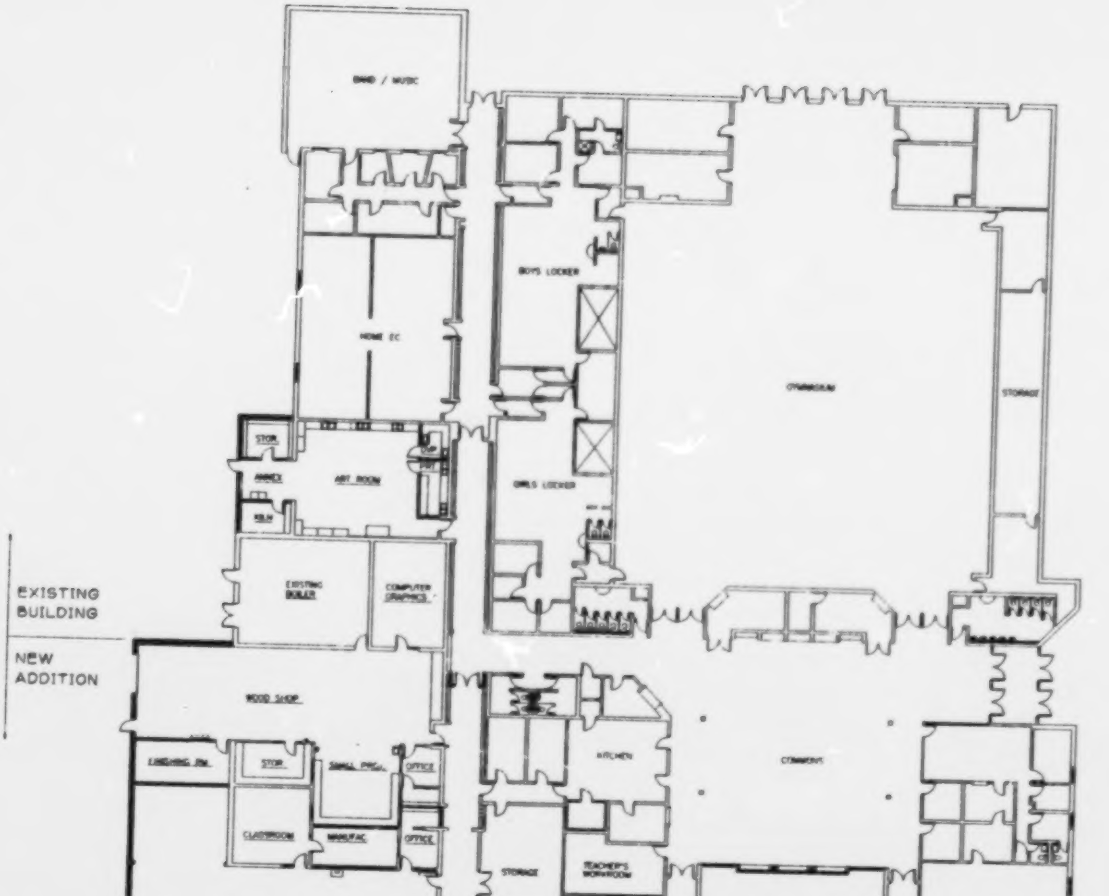
Walls: Paint, vinyl, ceramic, and multi-spec paint.

Ceilings: Lay-in acoustical panels, painted drywall, painted acoustic metal deck (fieldhouse), painted structure.

HVAC: New central boiler plant for hot water heating systems. Overhead air heating and ventilating system with perimeter radiation in existing building. A/C in LMC, offices and computer rooms.

Electrical: New building service and wiring throughout academic areas, emergency generator, fire alarm system, clock system, communication system, data cabling and cable tray.

Special Equipment: Kitchen equipment (commercial foods lab), auditorium seating, laboratory casework, elevator, library circulation desk, general casework, athletic equipment.


BAND / MUSIC
HOME EC
BOYS LOCKER
GIRLS LOCKER
GYMNASIUM
STORAGE
STOR.
ANNEX
ART ROOM
KILN
EXISTING BOILER
COMPUTER GRAPHICS
EXISTING BUILDING
NEW ADDITION
WOOD SHOP
FINISHING RM.
STOR.
SMALL PROJ.
OFFICE
CLASSROOM
MANUFAC.
OFFICE
AUTO/ METALS SHOP
CORRIDOR
SHOP/PROJ.
STUDY HALL
SCIENCE
CLASSROOM
KITCHEN
COMMONS
STORAGE
TEACHER'S WORKROOM
ELECT. EQUIP.
CLASSROOM
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GUIDANCE
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CLASSROOM
CLASSROOM
SCIENCE
SCIENCE
NEW ADDITION
EXISTING BUILDING

NORTH

CAMERON HIGH SCHOOL
FLOOR PLAN W/ ADDITION

PROFESSIONAL
MANAGEMENT
SERVICES, INC.

BEST COPY AVAILABLE

NAME OF SCHOOL: CAMERON HIGH SCHOOL

GENERAL INFORMATION

Owner: Cameron School District
Howard Hunson, District Administrator

Date Project Approved by S.D:
Date Construction Start: 4/10/93
Date Construction Completion: 8/21/93

Costs:
Construction: 721,780.08
Site Work: 59,535.92
Equipment: 377,987.00
TOTAL: 1,159,303.00

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Vonasek & Schieffer, Inc.

Area: Site:
Building: 14,300 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: High School Building Addition

FEATURES

Site Development:

Floors: Concrete slab-on-grade.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block and metal stud.

Windows: Fixed and operable aluminum clad wood windows, double glazing and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient tile and hard flooring.

Base: Vinyl, ceramic tile, and glazed block.

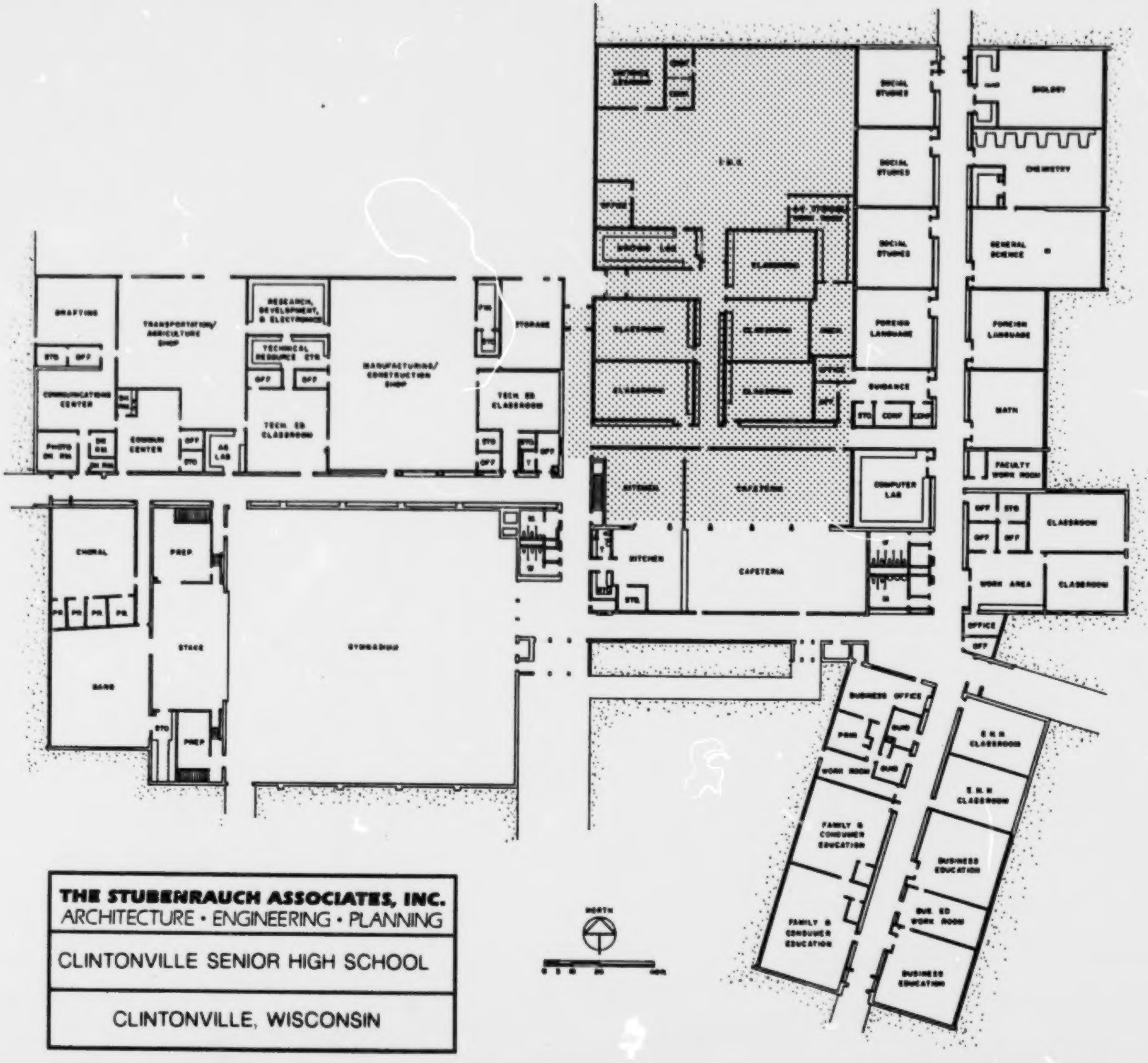
Walls: Painted concrete block, latex or epoxy, and wall carpet on gypsum board.

Ceilings: 2 x 2 and 2 x 4 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Fire alarm system and intercom systems.


DRAFTING
STO
OFF
TRANSPORTATION/ AGRICULTURE SHOP
RESEARCH, DEVELOPMENT, & ELECTRONICS
TECHNICAL RESOURCE CTR
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COMMUNICATIONS CENTER
PHOTO DK RM
DK RM
COMMON CENTER
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AG LAB
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MANUFACTURING/ CONSTRUCTION SHOP
STORAGE
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I.M.C.
OFFICE
SOCIAL STUDIES
SOCIAL STUDIES
SOCIAL STUDIES
BIOLOGY
CHEMISTRY
GENERAL SCIENCE
CLASSROOM
CLASSROOM
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CLASSROOM
CLASSROOM
AREA
OFFICE
OFF
FOREIGN LANGUAGE
FOREIGN LANGUAGE
GUIDANCE
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CONF
CONF
MATH
FACULTY WORK ROOM
KITCHEN
CAFETERIA
COMPUTER LAB
KITCHEN
CAFETERIA
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CLASSROOM
WORK AREA
CLASSROOM
OFFICE
OFF
CHORAL
PREP
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STAGE
GYMNASIUM
BAND
STO
PREP
BUSINESS OFFICE
PRIN
WORK ROOM
E.H.H. CLASSROOM
E.H.H. CLASSROOM
FAMILY & CONSUMER EDUCATION
FAMILY & CONSUMER EDUCATION
BUSINESS EDUCATION
BUS. ED WORK ROOM
BUSINESS EDUCATION
NORTH

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

CLINTONVILLE SENIOR HIGH SCHOOL

CLINTONVILLE, WISCONSIN

CLINTONVILLE SENIOR HIGH SCHOOL

GENERAL INFORMATION

Owner: Clintonville School District
Jerald Schoenike, District Administrator

Date Construction Start: July 1992
Date Construction Completion: May 1993

Costs: **Construction:** $834,000

Architect: The Stubenrauch Associates, Inc.
(414) 739-4932

Contractor: George M. Hougard
(414) 739-7777

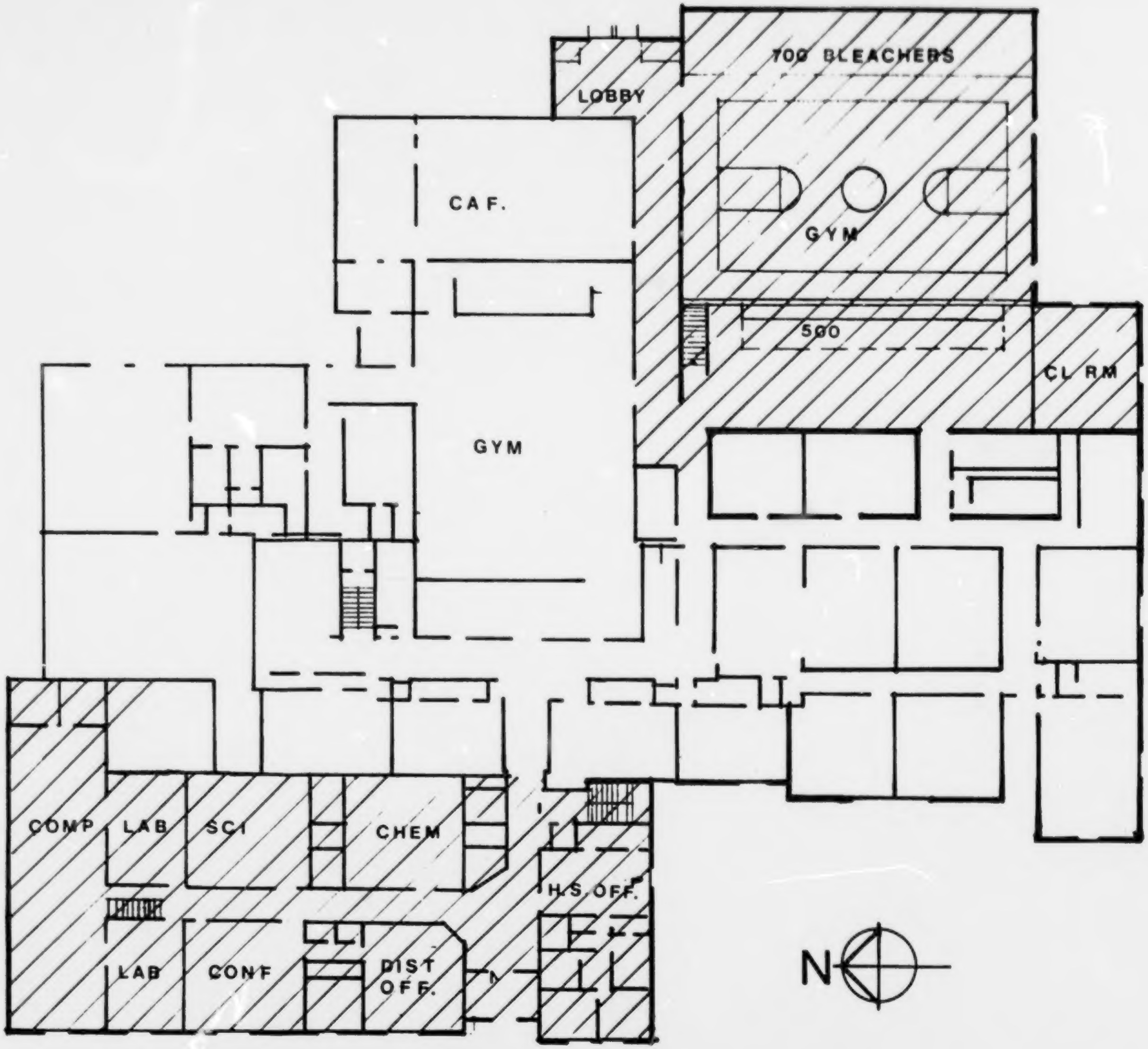
Area: **Site:** 782,000 sq. ft.
Building: 10,555 sq. ft. addition
2,600 sq. ft. remodel

Cost per Sq. Ft.: $63.40 (combined)

PROJECT DESCRIPTION: A main addition consisting of five classrooms, I.M.C., writing lab and cafeteria/kitchen expansion; complete remodeling of the technical education area; a small general science addition; and conversion of old I.M.C. to classrooms.

FEATURES

Site Development:	Redesign of asphalt paved parking area to accommodate new addition.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Face brick, 2" rigid insulation, and concrete masonry back-up.
Interior Walls:	Concrete masonry.
Windows:	Single-hung, metal-clad wood windows with double glazed Low-E glass.
Roof:	Pitched steel joists and deck with R-28.6 rigid insulation and ballasted single-ply roof membrane.
Floor Finishes:	Vinyl composition tile in classrooms and cafeteria expansion; carpeting in I.M.C., and quarry tile in kitchen.
Base:	Resilient at tile and carpeted areas and quarry tile in kitchen.
Walls:	Painted concrete masonry.
Ceilings:	Suspended lay-in.
HVAC:	Gas-fired forced air with variable volume boxes for individual areas. Fully air conditioned.
Electrical:	2' x 4' lay-in fluorescent lighting throughout; power/data wiremold in writing lab and tech. ed. resource areas; district-wide A/V communications from distance learning.
Special Equipment:	Complete tech ed lab and classroom areas; additional science stations; extensive food service equipment additions/modifications.


700 BLEACHERS
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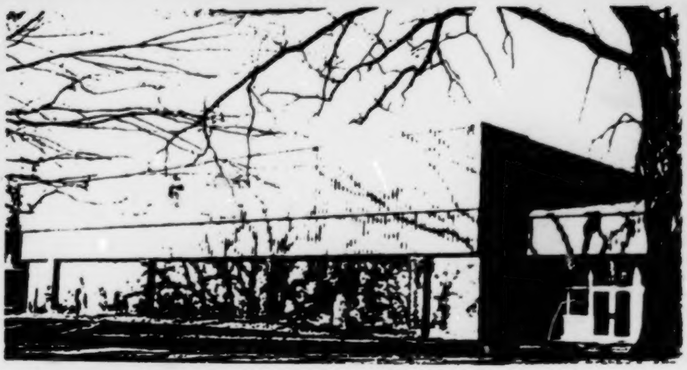
DODGELAND ADDITIONS



NAME OF SCHOOL: Dodgeland High School

GENERAL INFORMATION

Owner: Dodgeland School District
Carl Munson, District Administrator

Date Project Approved by S.D: Oct 1990
Date Construction Start: Nov 1990
Date Construction Completion: July 1991

Costs:		
Construction:	$1,681,000.00	
Site Work:	79,000.00	
Equipment:	173,800.00	
TOTAL:	**$1,933,800.00**	(includes remodeling)

Architect: Gene Cravillion / AGL
(414) 787-7476

Contractor: Westra Construction
(414) 324-3545

Area: Site: 2 Acres
Building: 24,571 S.F. New
3,000 S.F. Remodel

Cost per Sq. Ft.: $48.00 (for new)

PROJECT DESCRIPTION: 34,571 S.F. Addition on two floors with elevator, two science rooms, high school offices, spec. ed. class rooms, gym with three teaching stations, bleachers for 1000, art room, 2 elementary classrooms, remodel existing high school and elementary class rooms.

FEATURES

Site Development: Finish grade and landscape, paved parking and drives

Floors: Concrete slab on grade, pre-cast concrete at gym balcony

Exterior Walls: Brick, 2" rigid insulation, steel studs insulated, vinyl fabric over GYP. BD. at classrooms. Concrete block and steel panels at gym

Interior Walls: Vinyl fabric on GYP. BD. at classrooms and offices, concrete block at gym

Windows: Fixed 1" insulated glass in aluminum frame

Roof: Sloped steel joist, metal deck with R-38 rigid insulation, ballasted single ply membrane - all slopes to exterior drainage

Floor Finishes: Quarry tile in entries, cer. tile in toilets and showers, vinyl tile corridors and classrooms, carpet offices, wood gym floor

Base: Cer. tile and vinyl

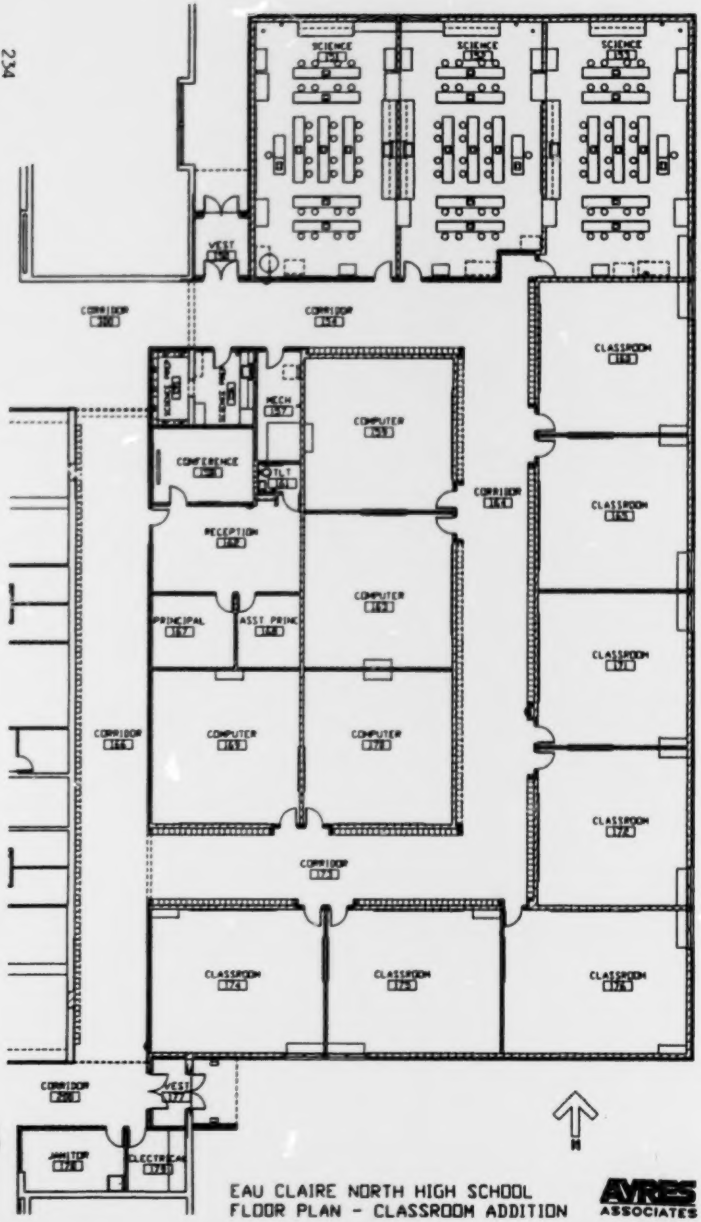
Walls: Vinyl fabric at classrooms and offices, cer. tile in showers, conc. block painted in gym with steel liner panel

Ceilings: Mineral fibre acoustic tile, 2 X 4 in classrooms, 2 X 2 in offices, exposed structure in gym and science

HVAC: Gas fired high efficient boilers serving air handling units controlled by pneumatic thermostats to variable air volume

Electrical: 2 X 4 Lay-in, mercury vapor in Gym

Special Equipment: Elevator, fire, smoke alarms


SCIENCE
SCIENCE
SCIENCE
VEST
CORRIDOR
CORRIDOR
MECH
COMPUTER
CONFERENCE
TLT
CLASSROOM
CORRIDOR
CLASSROOM
RECEPTION
PRINCIPAL
ASST PRINC
COMPUTER
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COMPUTER
CLASSROOM
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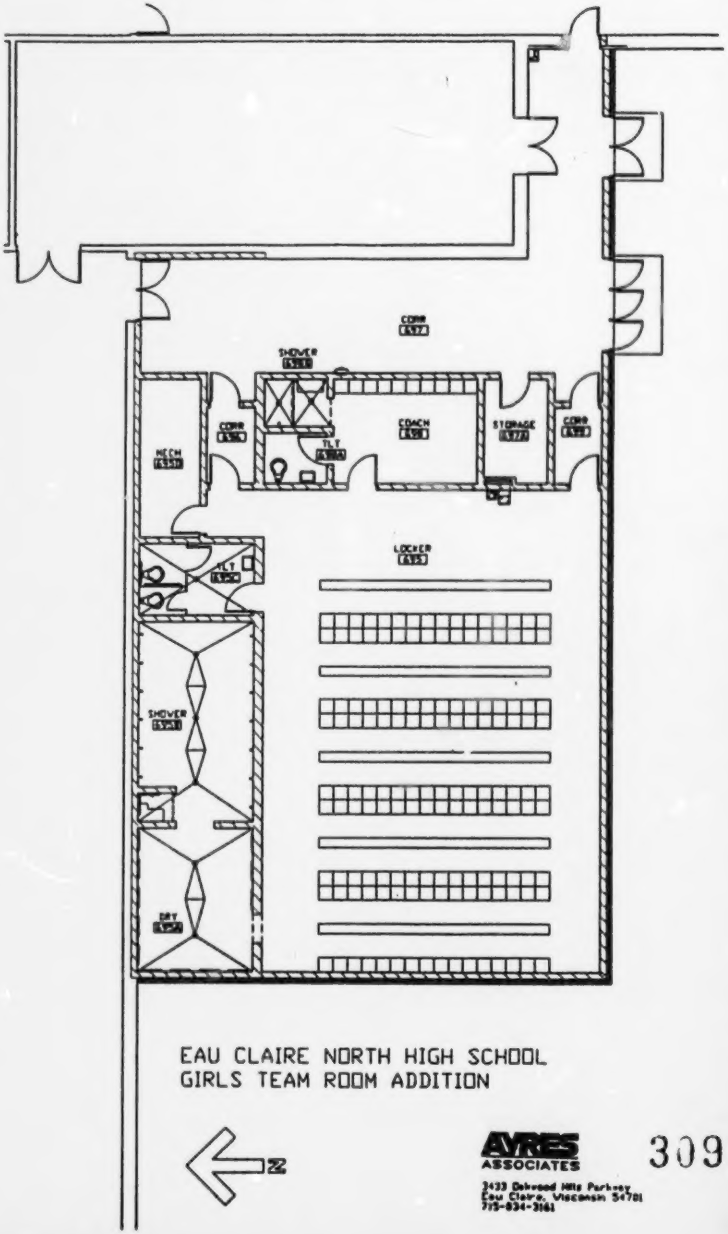
CLASSROOM
CORRIDOR
VEST
JANITOR
ELECTRICAL
N

EAU CLAIRE NORTH HIGH SCHOOL
FLOOR PLAN - CLASSROOM ADDITION

AYRES
ASSOCIATES
3433 Oakwood Hills Parkway
Eau Claire, Wisconsin 54701
715-834-3161


CORR
SHOWER
MECH
CORR
TLT
COACH
STORAGE
CORR
LOCKER
TLT
SHOWER
DRY
N

EAU CLAIRE NORTH HIGH SCHOOL
GIRLS TEAM ROOM ADDITION

AYRES
ASSOCIATES
3433 Oakwood Hills Parkway
Eau Claire, Wisconsin 54701
715-834-3161

NAME OF SCHOOL: Eau Claire North High School

GENERAL INFORMATION

Owner: Eau Claire Area School District
Dr. Lee Hanson, Supt. of Schools

Architect: Ayres Associates

Date Project Approved by S.D.: October 1992
Date Construction Start: April 1993
Date Construction Completion: December 1993

Contractor: Market & Johnson, Inc.

Costs:		
	Construction:	$ 1,027,000
	Site Work:	$ 70,000
	Equipment:	$ 162,000
	TOTAL:	$ 1,259,000

Area: Site: NA
Building: 23,294

Cost per Sq. Ft: $54.18

PROJECT DESCRIPTION: Fourteen classrooms, a girl team locker room, and school administrative office. Classrooms include seven general classrooms, four computer labs and three science (chemistry) labs. Classroom addition was arranged along a new corridor connecting the former Jr. High segment of the building with the Sr. High.

FEATURES

Site Development: Student bus load/unload/sidewalks/landscaping

Floors: Concrete slab-on-grade

Exterior Walls: Cavity wall: 4" face brick, 2" rigid insulation, 8" CMU

Interior Walls: 8" CMU

Windows: Aluminum, thermally broke, insulating glass

Roof: Steel bar joist, metal deck, sloped rigid insulation, interior roof drains

Floor Finishes: Vestibules - quarry tile, Corridor - terrazzo tile, lockers - ceramic tile, classrooms - resilient tile, Administrative Offices - carpet

Base: Q.T., C.T., Vinyl

Walls: Painted CMU corridors, classrooms, lockers, painted GPDW Admin. area

Ceilings: Plaster showers, ACT elsewhere

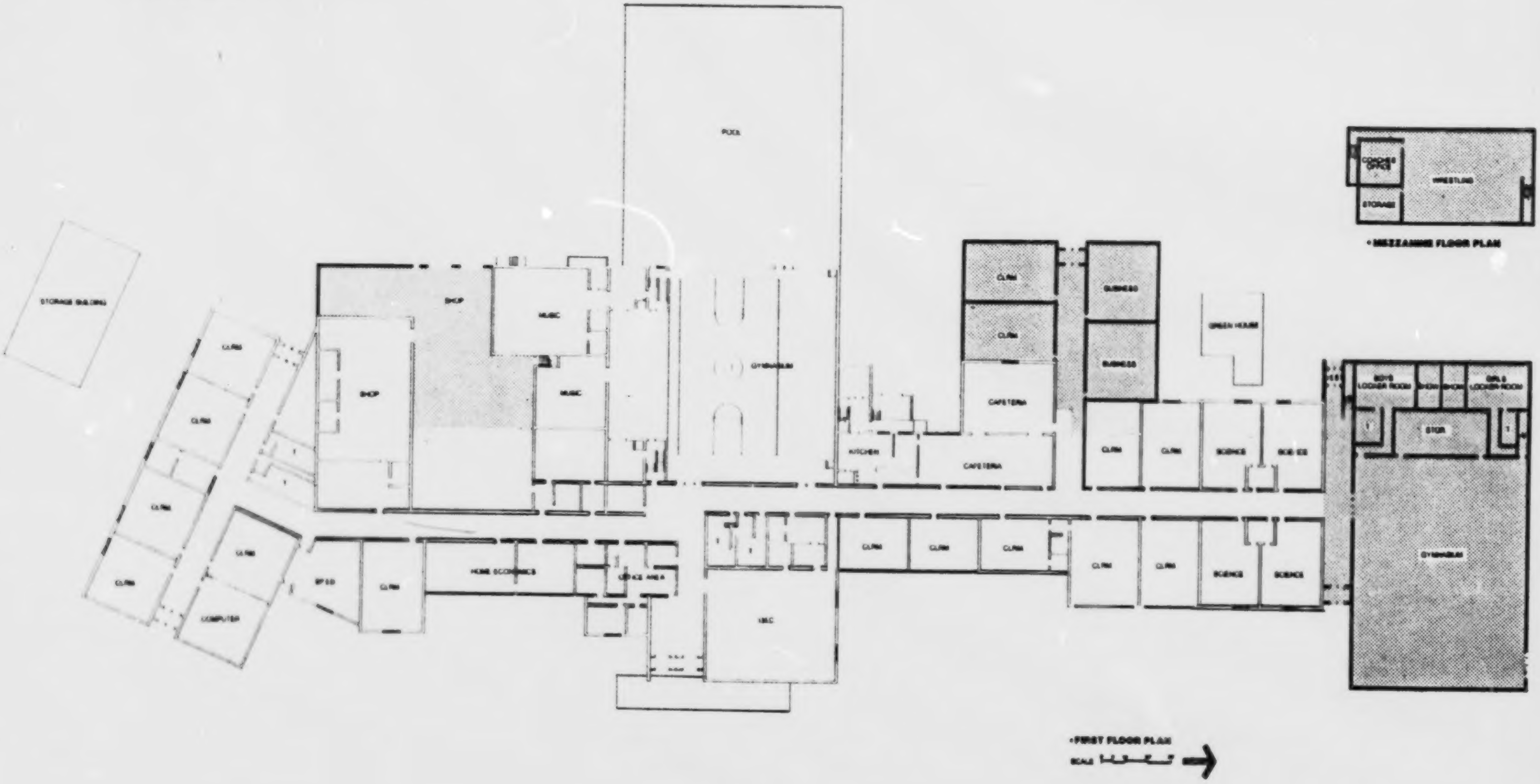
HVAC: Unit ventilators and air handlers with hot water coils fed from existing boilers

Electrical: 2 x 4 lay-in fixture, parabolic lens in computer rooms, dedicated circuits for computer rooms

Special Equipment: Telephone, cable TV, computer network, PA system, fire alarm

•GALESVILLE HIGH SCHOOL

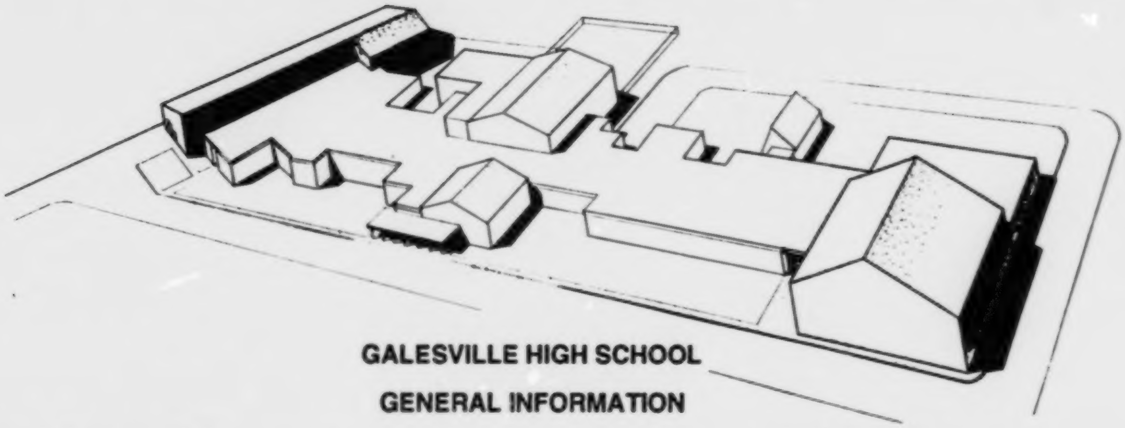
GALESVILLE, WISCONSIN


POOL
GYMNASIUM
STORAGE BUILDING
CLRM
CLRM
CLRM
CLRM
CLRM
COMPUTER
SP ED
CLRM
SHOP
SHOP
MUSIC
MUSIC
HOME ECONOMICS
OFFICE AREA
IMC
KITCHEN
CAFETERIA
CAFETERIA
CLRM
CLRM
BUSINESS
BUSINESS
GREEN HOUSE
CLRM
CLRM
SCIENCE
SCIENCE
CLRM
CLRM
CLRM
CLRM
CLRM
SCIENCE
SCIENCE
BOYS LOCKER ROOM
SHOW
SHOW
GIRLS LOCKER ROOM
STOR
GYMNASIUM
COACHES OFFICE
WRESTLING
STORAGE
SCALE

• MEZZANINE FLOOR PLAN

• FIRST FLOOR PLAN

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE ENGINEERING PLANNING



GALESVILLE HIGH SCHOOL

GENERAL INFORMATION

Owner: Galesville-Ettrick-Trempealeau School District
Wayne Edwards, District Administrator

Date Construction Start: June 1990
Date Construction Completion: September 1991

Costs: **Construction:** $2,318,939

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: W. F. Gilster Construction
(608) 784-5000

Area: **Building:** 45,300 sf new
5,100 sf renovation

Cost per Sq. Ft.: $46.00 (combined)

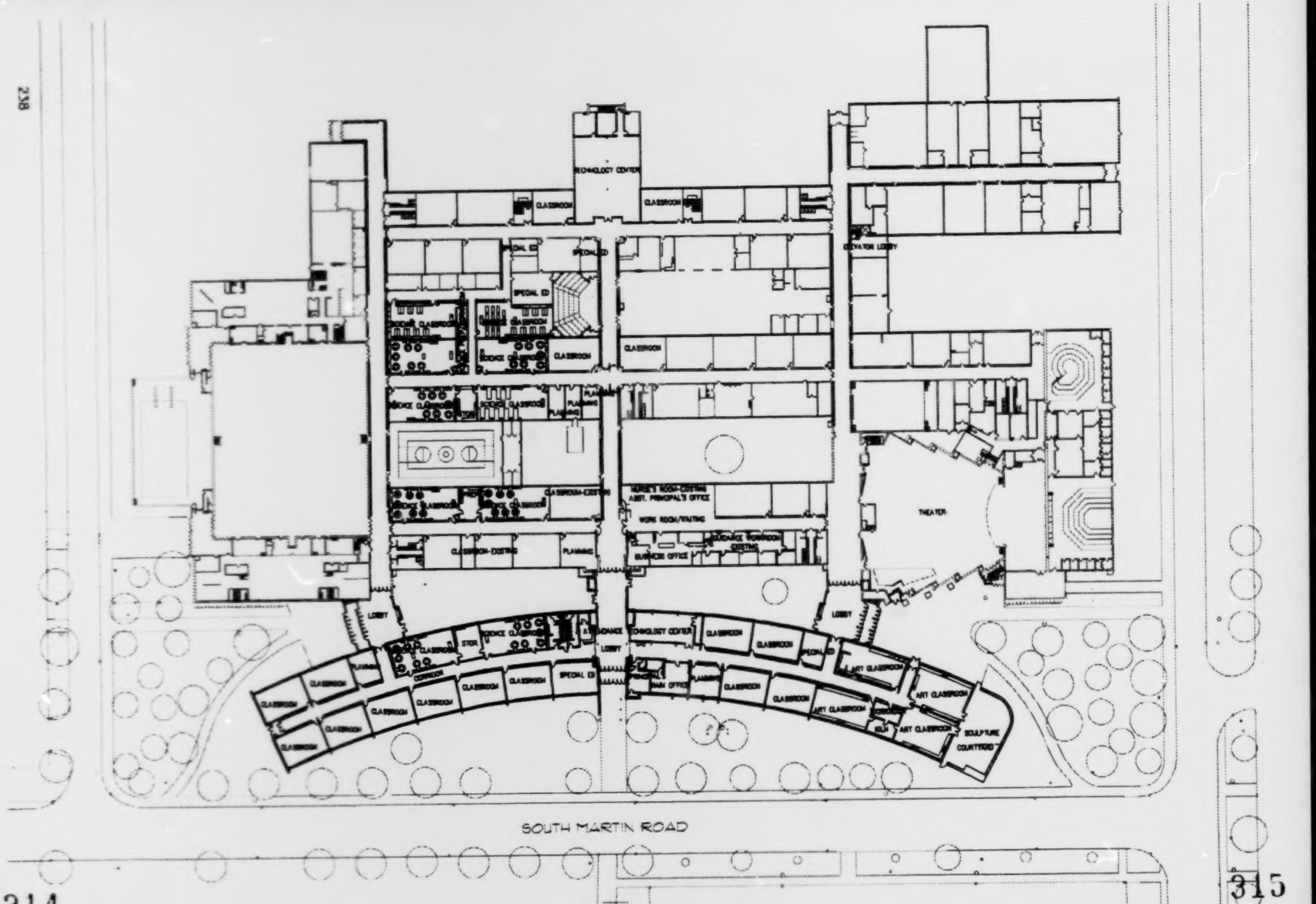
PROJECT DESCRIPTION: The work includes the construction of the following two additions and some renovation in the existing building.

North Addition - Physical Education Unit - 23,843 sq. ft.
Gymnasium, weight room, multi-purpose room, locker/shower rooms, concession stand, office and storage areas.

South Addition - Shop Area - 21,463 sq. ft.
Open shop area (wood/plastics, metal processing, transportation) classrooms and school district storage.

FEATURES

Site Development:	
Floors:	Slab-on-grade and precast concrete plank with topping slab at mezzanines.
Exterior Walls:	South addition: metal building panels; north addition: brick/block cavity.
Interior Walls:	CMU
Windows:	Aluminum clad wood (only one in project).
Roof:	South addition = standing seam metal/north addition = ballasted EPDM
Floor Finishes:	VCT / sealed concrete / wood gym floor
Base:	Vinyl
Walls:	Painted
Ceilings:	Acoustical lay-in panels and exposed structure.
HVAC:	Two pipe forced hot water.
Electrical:	Upgraded service entrance.
Special Equipment:	Hydraulic auto lift.


TECHNOLOGY CENTER
CLASSROOM
SPECIAL ED
SCIENCE CLASSROOM
ELEVATOR LOBBY
PLANNING
CLASSROOM-COSTING
NURSE'S ROOM-COSTING
ASST. PRINCIPAL'S OFFICE
WORK ROOM/TESTING
GUIDANCE WORKROOM COSTING
BUSINESS OFFICE
THEATER
LOBBY
STOR
CORRIDOR
ATTENDANCE
MAIN OFFICE
ART CLASSROOM
KILN
SCULPTURE COURTYARD
SOUTH MARTIN ROAD

J.A. Craig High School
Janesville, Wisconsin

FLOOR PLAN

HGA
Hammel Green & Abrahamson
Architects & Engineers
135 West Wells
Milwaukee Wisconsin 53203

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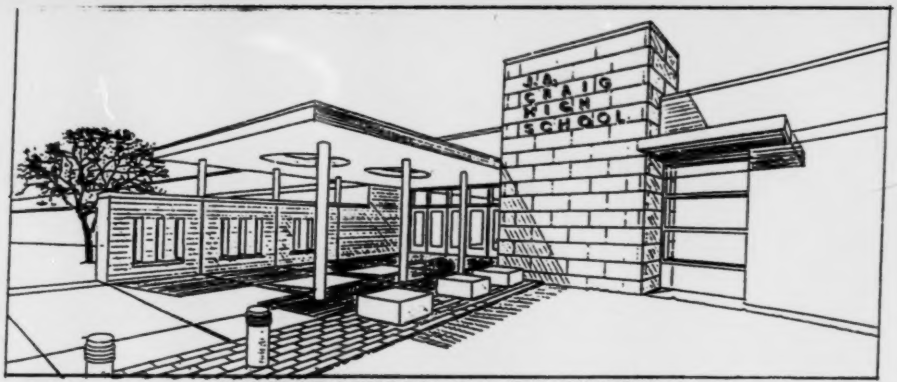

NAME OF SCHOOL: J. A. Craig High School

GENERAL INFORMATION

Owner: Janesville School District
Douglas Bunton, Director of Business Services

Date Project Approved by S.D.: September 30, 1993
Date Construction Start: December 1, 1993
Date Construction Completion: September 1994

Cost:

Construction:	$3,750,000.00
Site Work:	included
Equipment:	included
TOTAL:	$3,750,000.00

Architect: Hammel, Green and Abrahamson, Inc.
(414) 278-8200

Contractor: J.P. Cullen & Sons, Inc.
Janesville, Wisconsin
(608) 754-6601

Area:

Site:	Existing	
Building:	Addition:	41,000 S.F.
	Renovation:	22,190 S.F.
		63,190 S.F.

Cost Per Sq. Ft.: $59.00/SF

PROJECT DESCRIPTION: The crescent shaped building reflects these program parameters; save existing trees; form new entry courts; prevent long straight corridors; develop dynamic front elevation with only one story. Program called for 10 new teaching stations, reconfigured administration, 3 enlarged entrances, 14 classrooms, 10 science labs, technology center, 4 art classrooms, 2 special ed., sculpture courtyard, kiln room, main office, principal's office, and teacher planning rooms.

FEATURES

Site Development: None.

Floors: Concrete slab-on grade.

Exterior Walls: Face brick, 2" rigid insulation and concrete block.

Interior Walls: Concrete block throughout.

Windows: Aluminum frame, insulated glass with operable sashes.

Roof: Sloped steel bar joist and metal deck with R-20 minimum rigid insulation and a ballasted single ply membrane.

Floor Finishes: Sheet vinyl at entries and carpet at classrooms and corridors, art rooms are sealed concrete and science classrooms are vinyl tile.

Base: Vinyl base throughout.

Walls: Painted concrete block throughout.

Ceilings: 2x4 lay-in mineral fiber acoustical tile and painted drywall.

HVAC: V.A.V. System throughout for heating and cooling supply.

Electrical: 2x4 lay-in lighting with accent lighting in corridors and entries.

Special Equipment: Fire alarm system, smoke and heat detectors; passenger elevator; audio-visual tech stations in every classroom or at every instructional area.

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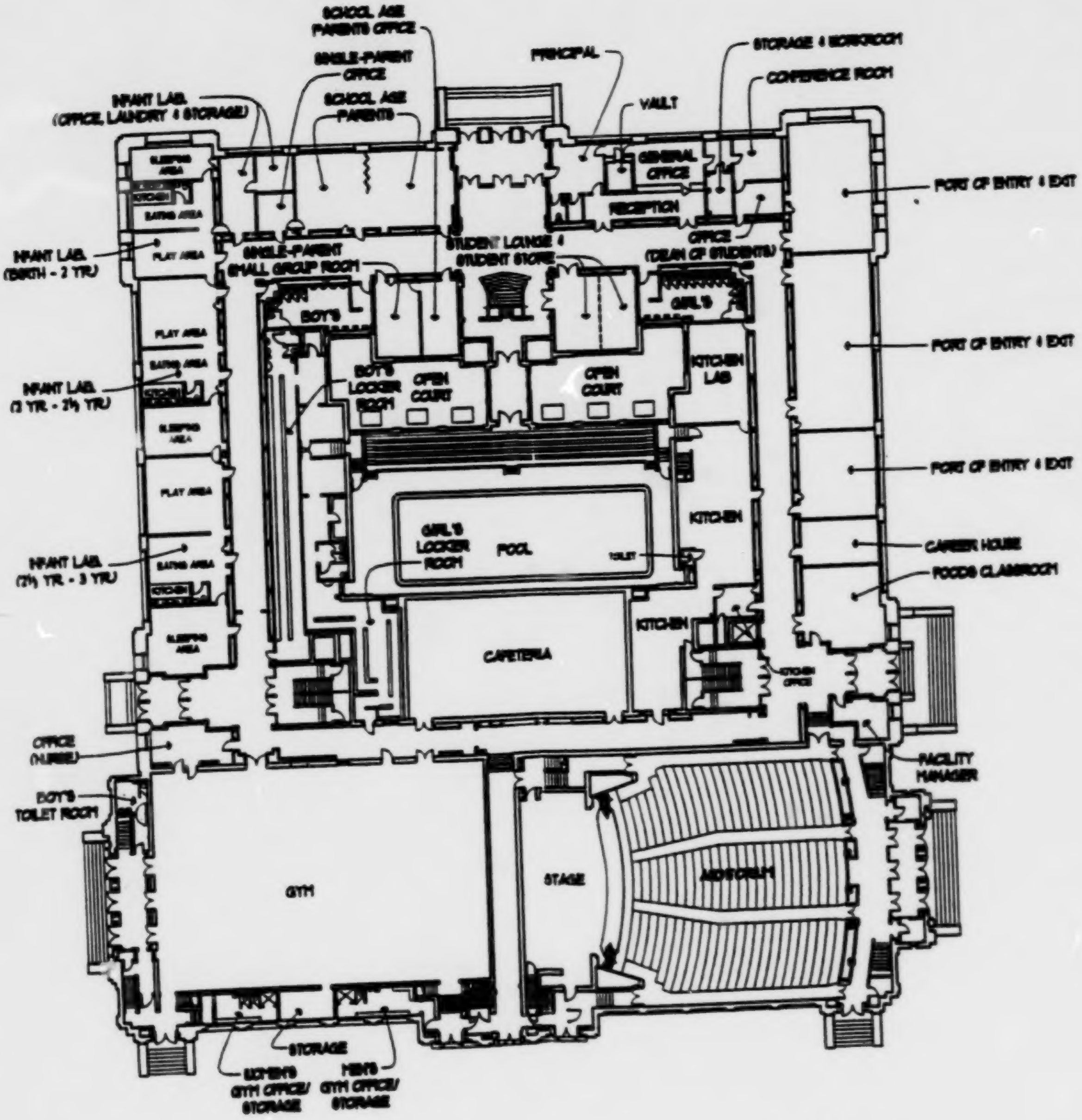

SCHOOL AGE PARENTS OFFICE
SINGLE-PARENT OFFICE
SCHOOL AGE PARENTS
INFANT LAB. (OFFICE, LAUNDRY & STORAGE)
PRINCIPAL
VAULT
STORAGE & WORKROOM
CONFERENCE ROOM
SLEEPING AREA
KITCHEN
EATING AREA
PLAY AREA
INFANT LAB. (BIRTH - 2 YR.)
GENERAL OFFICE
RECEPTION
PORT OF ENTRY & EXIT
SINGLE-PARENT SMALL GROUP ROOM
STUDENT LOUNGE & STUDENT STORE
OFFICE (DEAN OF STUDENTS)
BOY'S
GIRL'S
PLAY AREA
EATING AREA
INFANT LAB. (2 YR. - 2½ YR.)
KITCHEN
SLEEPING AREA
BOY'S LOCKER ROOM
OPEN COURT
OPEN COURT
KITCHEN LAB
PORT OF ENTRY & EXIT
PLAY AREA
PORT OF ENTRY & EXIT
KITCHEN
GIRL'S LOCKER ROOM
POOL
TOILET
CAREER HOUSE
FOODS CLASSROOM
INFANT LAB. (2½ YR. - 3 YR.)
EATING AREA
KITCHEN
SLEEPING AREA
KITCHEN
CAFETERIA
KITCHEN OFFICE
OFFICE (NURSE)
FACILITY MANAGER
BOY'S TOILET ROOM
GYM
STAGE
AUDITORIUM
STORAGE
WOMEN'S GYM OFFICE/ STORAGE
MEN'S GYM OFFICE/ STORAGE

FIRST FLOOR PLAN

REUTHER CENTRAL HIGH SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS

REUTHER CENTRAL HIGH SCHOOL
KENOSHA, WISCONSIN
GENERAL INFORMATION

Owner: Kenosha Unified School District
Anthony Bisciglia, Superintendent

Date Project Approved by S.D.:	June, 1992
Date Construction Start:	November, 1992
Date Construction Completion:	September, 1993

Costs:	Construction:	$3,117,000.00
	Site Work:	0.00
	Equipment:	87,000.00
	TOTAL:	$3,204,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Contractor: Platt Construction
(414)761-3868

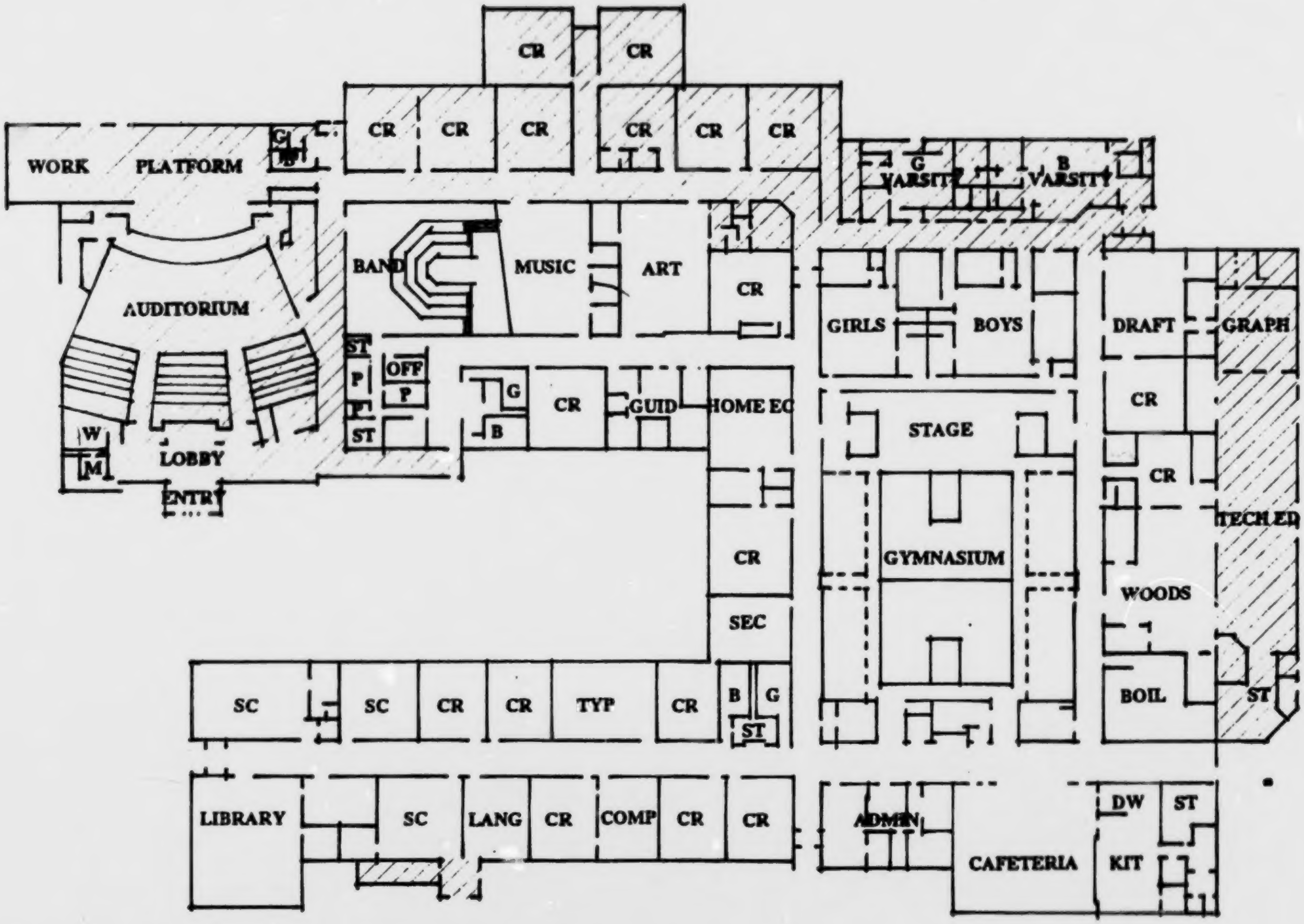
Area:	Site:	6 Acres
	Building:	104,200 s.f.

Cost per Sq. Ft.: $30.80

PROJECT DESCRIPTION: Remodeling of the original Kenosha Central High School, a monumental building on the National Register of historic places. The remodeling was done to accommodate an alternative high school, and to upgrade the plumbing, mechanical and electrical systems.

FEATURES

Site Development:	None.
Floors:	Existing cast-in-place concrete.
Exterior Walls:	Existing limestone.
Interior Walls:	Plaster on concrete block in public areas, concrete block in kitchen and locker rooms.
Windows:	Heavy commercial, thermal-pane low E glass, double-hung aluminum windows.
Roof:	Existing built-up roof on cast-in-place concrete.
Floor Finishes:	Patched terrazzo in corridors, wood in existing classrooms, ceramic tile in new locker rooms.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block, drywall and plaster.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units, A.C. was added.
Electrical:	2' x 4' lay-in lighting fixtures, typically.
Special Equipment:	Vocational/technical kitchen, stage lighting controls.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Southern Door High School

Brussels, Wisconsin

- Bray
- Associates
- Architects

NAME OF SCHOOL: SOUTHERN DOOR HIGH SCHOOL ADDITION, BRUSSELS

GENERAL INFORMATION

Owner: Southern Door School District
Mr. Joseph Innis, District Administrator

Date Project Approved by S.D: Winter 1991
Date Construction Start: Spring 1991
Date Construction Completion: September 1991 & January 1992

Costs:	**Construction:**	$2,524,289
	Site Work:	$200,000
	Equipment:	$350,000
	TOTAL:	$3,074,289

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Hamann Construction
(414) 682-8282

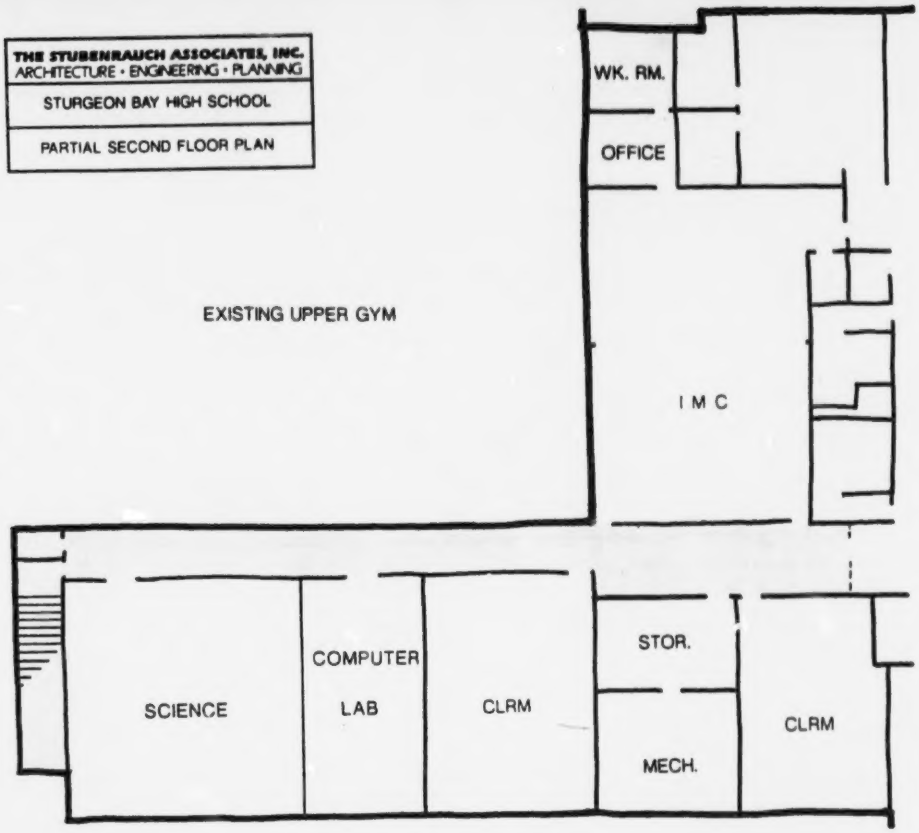
Area: Site: Existing
Building: 41,412 SF New
6,000 SF Remodeling

Cost per Sq. Ft.: $64.84

PROJECT DESCRIPTION: The addition consisted of ten additional classrooms, expansion of the technical education area, new locker rooms, remodeling, plus a new 600-seat auditorium. The auditorium is designed with separate accessibility for community use.

FEATURES

Site Development:	Site work consisted basically of adding drives and parking for the new Auditorium with landscaping.
Floors:	Concrete slab on grade. Precast deck with topping.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile. The Auditorium has floating reflective clouds for excellent sound distribution.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas. The Auditorium is air conditioned for year round use.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout. The auditorium has complete theatrical sound and lighting equipment.



THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING
STURGEON BAY HIGH SCHOOL
PARTIAL SECOND FLOOR PLAN

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LAB
SCIENCE
CLRM
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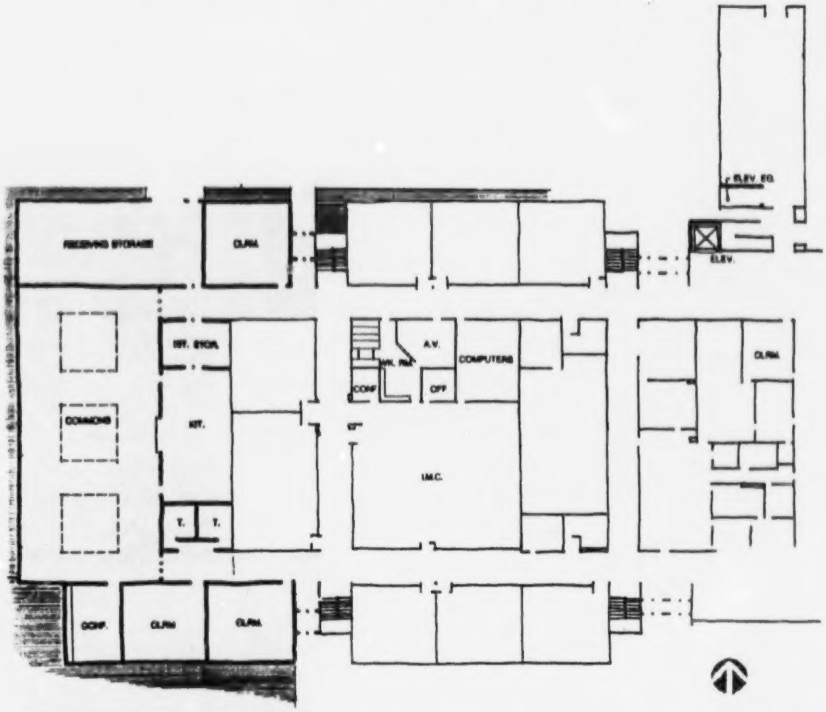

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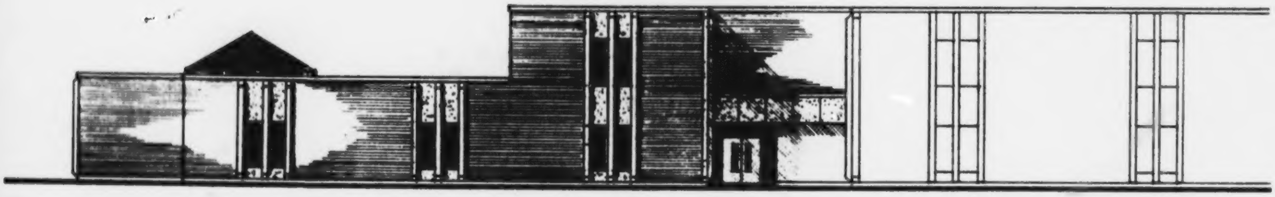
THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING
STURGEON BAY HIGH SCHOOL
PARTIAL FIRST FLOOR PLAN



STURGEON BAY HIGH SCHOOL

GENERAL INFORMATION

Owner: Sturgeon Bay School District
Jerome H. Kain, District Administrator

Date Project Approved by S.D:	January 1990
Date Construction Start:	September 1990
Date Construction Completion:	August 1991

Costs:	**Construction:**	$957,857
	Site Work:	$30,000
	TOTAL:	$987,857

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: George Hougard
(414) 497-7777

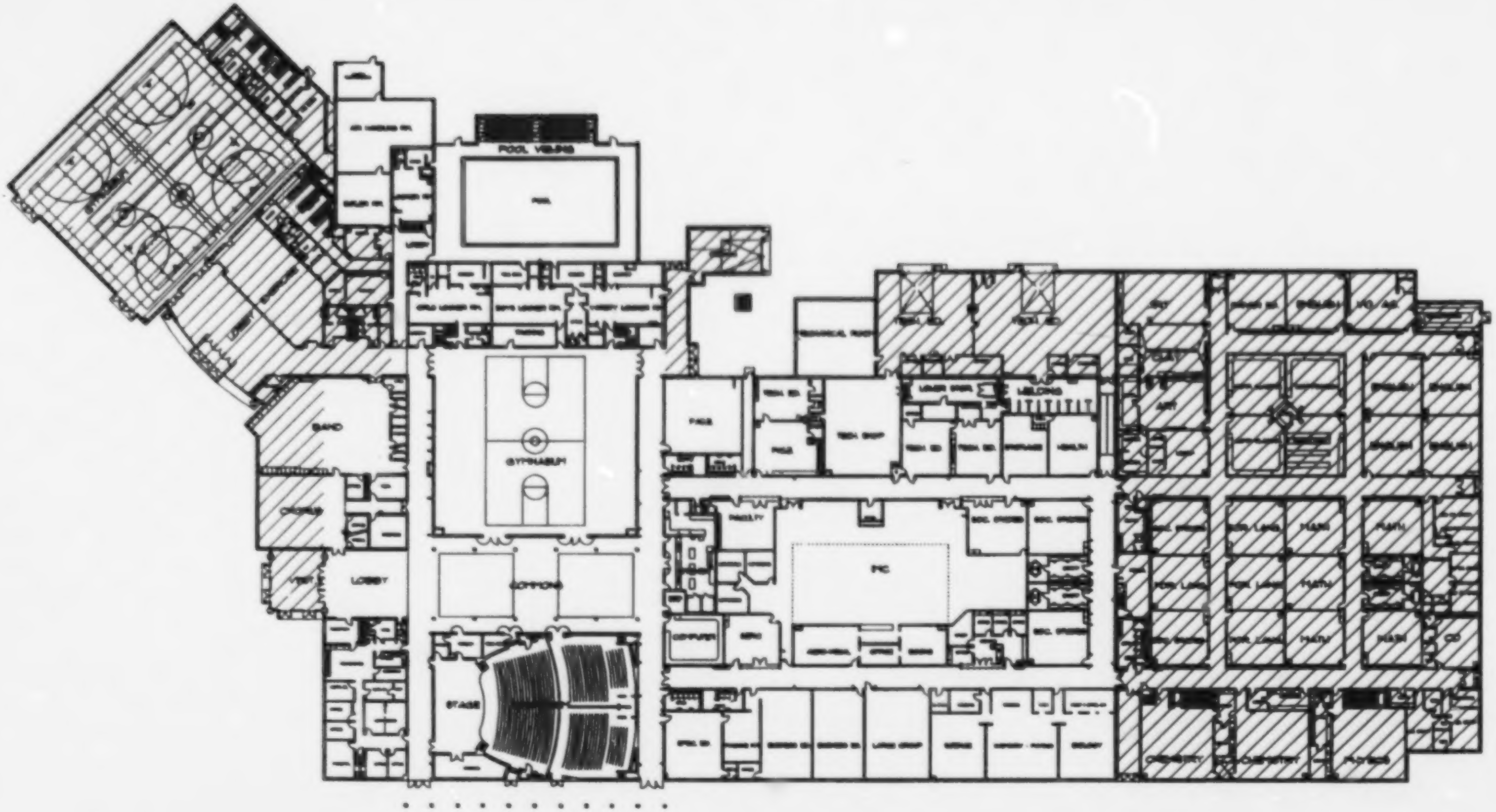
Area: Site: 2.8 acres
Building: 18,096 sq. ft. new
4,980 sq. ft. remodel

Cost per Sq. Ft.: $42.81 (combined)

PROJECT DESCRIPTION: New kitchen and commons facilities, three classrooms, two science rooms, elevator and toilet facilities incorporated in the High School addition. Along with the addition, existing I.M.C. office area and unused Middle School spaces were renovated.

FEATURES

Site Development:	Grading to maintain existing site drainage; new concrete sidewalks and minor asphalt paving.
Floors:	Concrete slab on grade, poured topping on precast plank and existing construction
Exterior Walls:	Brick or exterior insulation finish system, air space, rigid insulation, C.M.U. along with existing construction
Interior Walls:	C.M.U., metal studs and gypsum board.
Windows:	Fixed aluminum units
Roof:	Ballasted single ply E.P.D.M.
Floor Finishes:	Terrazzo, quarry tile, ceramic tile, Fritztile, VCT, carpet, existing.
Base:	Vinyl, ceramic, existing
Walls:	Painted C.M.U. and gypsum board, ceramic tile and existing.
Ceilings:	2 x 2 and 2 x 4 acoustical tile, vinyl covered gypsum board and existing
HVAC:	Ducted forced air system with variable volume boxes and existing hot water boilers. Unit ventilators also used in remote remodeling areas. All interior spaces are air conditioned.
Electrical:	2 x 4 lay-in fluorescent fixtures along with special wall scounces at Commons. Also included extension of existing P.A., fire alarm and clock systems.
Special Equipment:	Kitchen equipment, educational equipment (casework), Science lab equipment, movable storage unit and an elevator.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Waunakee Community High School

Waunakee, Wisconsin

■ **Bray**
■ **Associates**
■ **Architects**

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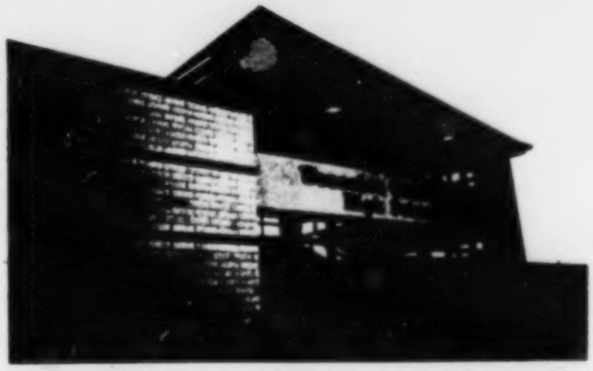


NAME OF SCHOOL: WAUNAKEE HIGH SCHOOL ADDITION

GENERAL INFORMATION

Owner: Waunakee Community School District
Dr. Gene Hamele, District Administrator

Date Project Approved by S.D: November 17, 1993
Date Construction Start: Spring 1993
Date Construction Completion: Fall 1993

Costs:	**Construction:**	$4,684,600
	Site Work:	$329,000
	***Equipment:**	$329,130
	TOTAL:	$5,342,790

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Stevens Construction
(608) 222-5100

Area: Site: Existing
Building: 77,952 SF New
34,638 SF Remodeled

Cost per Sq. Ft.: $47.45

PROJECT DESCRIPTION: The 800-900 student school expansion included a large academic area, a new gym and extensive remodeling of the existing space. A reorientation of the kitchen service area to a main entrance serves the public auditorium, physical education areas. *Includes all loose equipment desks, chairs, and teaching stations.

FEATURES

Site Development:	Limited site with complete development.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC offices and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.

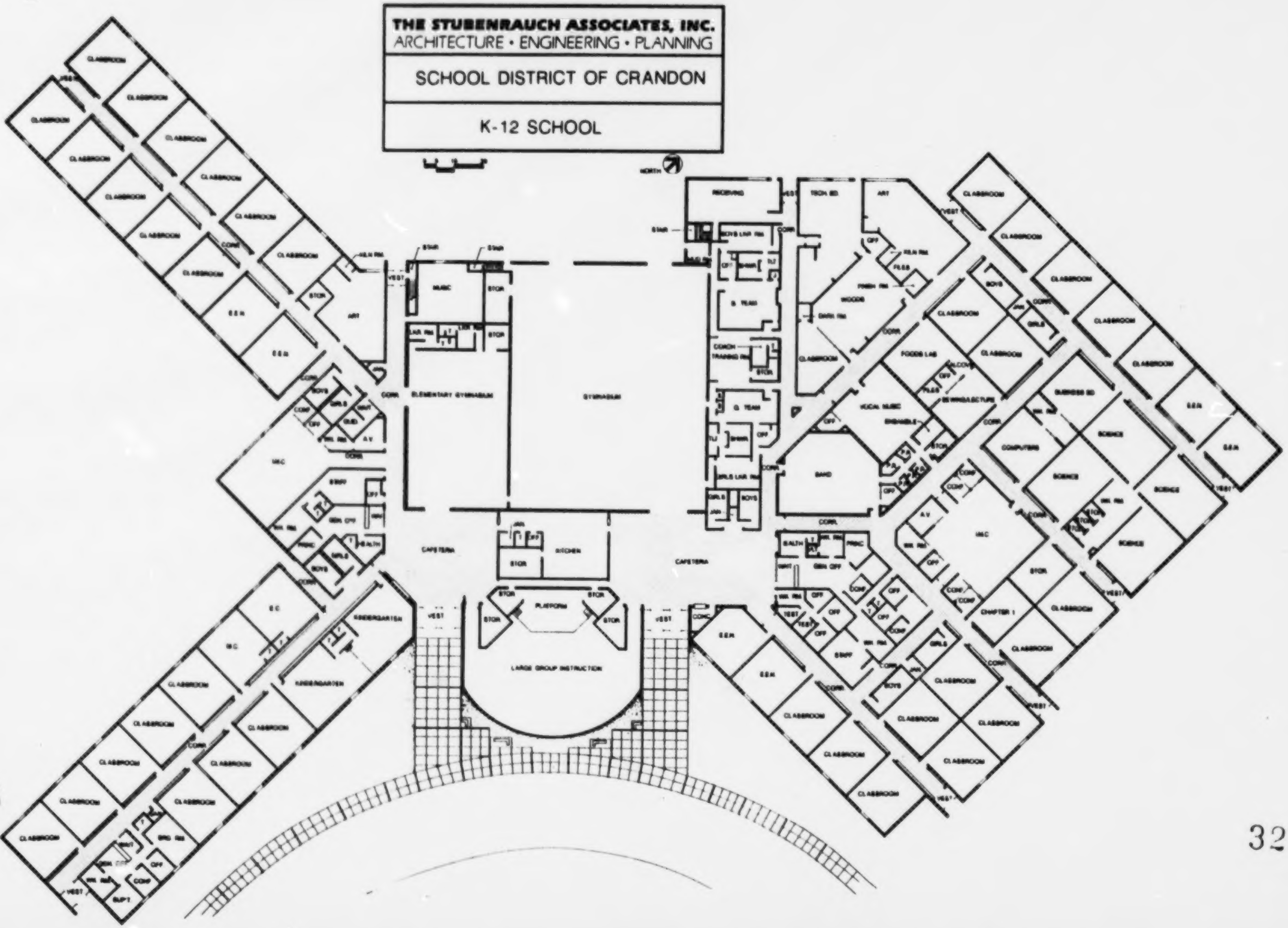
7. Combinations: New Buildings

Crandon
Frederic
Hurley
North Crawford
Shell Lake
Wisconsin Dells

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

SCHOOL DISTRICT OF CRANDON

K-12 SCHOOL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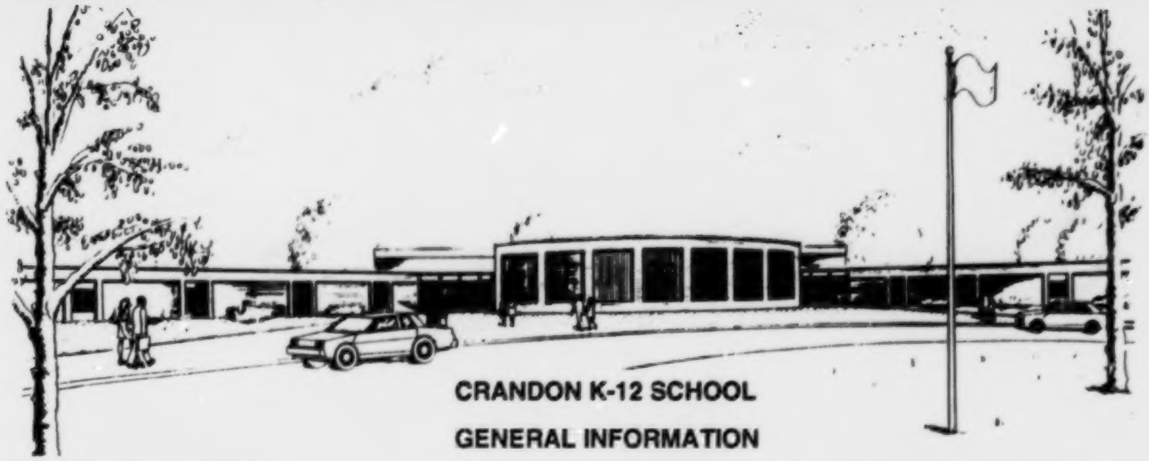


CRANDON K-12 SCHOOL

GENERAL INFORMATION

Owner: Crandon School District
Robert Jaeger, District Administrator

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Date Project Approved by S.D: November 1989
Date Construction Start: August 1990
Date Construction Completion: September 1991

Contractor: Oscar J. Boldt Construction
(715) 359-6581

Area: **Building:** 143,461 sq. ft.

Costs:		
	Construction:	$6,873,000
	Site Work:	432,000
	TOTAL:	$7,305,000

Cost per Sq. Ft.: $50.91

PROJECT DESCRIPTION: The Stubenrauch Associates was retained to do a district-wide feasibility study in 1988 whereby the District's five facilities were evaluated regarding DILHR Life Safety Requirements, educational programs, staffing, and operating costs.

The study showed it would be financially and educationally sound to consolidate the District's K-12 students into one facility and, through the efforts of a Citizens Committee and information from the study, the referendum passed in 1989.

The facility consists of 143,461 square feet and has a student capacity of 1,200. The school was designed to serve the elementary and secondary students independently and minimize the interaction of these students throughout the day.

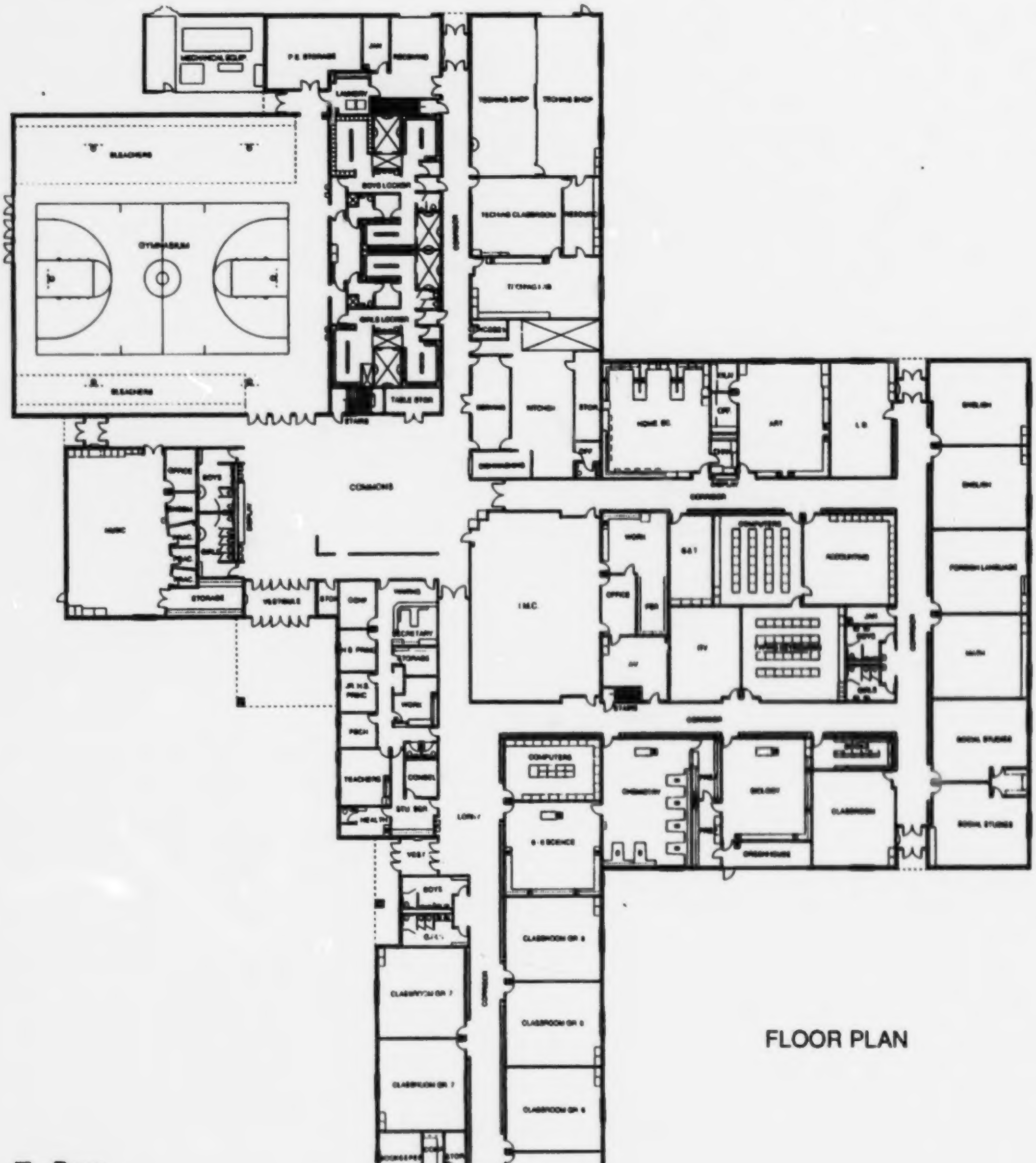
The facility was successfully bid under budget and was completed in the fall of 1991.

FEATURES

Site Development:	Extensive site development including staff parking area, student parking area, playgrounds, receiving area and grading for future ball fields.
Floors:	Slab on grade and concrete topping on precast.
Exterior Walls:	Brick and concrete masonry cavity wall construction.
Interior Walls:	Exposed concrete masonry with steel studs and gypsum board walls in Administration offices.
Windows:	Aluminum clad operable wood windows with integral blinds.
Roof:	Steel bar joists, metal deck, interior pitched ballasted EPDM membrane roof with average R-20 insulation.
Floor Finishes:	Carpet in corridors and classrooms; sheet vinyl in elementary gymnasium, wood floor in high school gymnasium.
Base:	Ceramic in toilet rooms; resilient throughout.
Walls:	Concrete masonry throughout with gypsum board walls in office areas.
Ceilings:	Painted exposed structure in gymnasiums, 2' x 2' suspended lay-in throughout corridors of facility.
HVAC:	Two hot water boilers and forced air heating with heat coils with individual pneumatic thermostatic controls.
Electrical:	H.I.D. lighting in gymnasiums, 2 x 4 prismatic fluorescent throughout remainder of facility. Generator powered emergency power system.

Frederic School District
New 6 - 12 School

Frederic, Wisconsin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FLOOR PLAN

- **Bray**
- **Associates**
- **Architects**

NAME OF SCHOOL: FREDERIC 6-12

GENERAL INFORMATION

Owner: Frederic School District
Mr. Reg Goblin, District Administrator

Date Project Approved by S.D: November 1991
Date Construction Start: March 1992
Date Construction Completion: September 1993

Costs:	**Construction:**	$3,834,380
	Site Work:	$284,000
	Equipment:	$207,120
	TOTAL:	**$4,325,500**

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Gene Johnson Construction Co.
(715) 327-8031

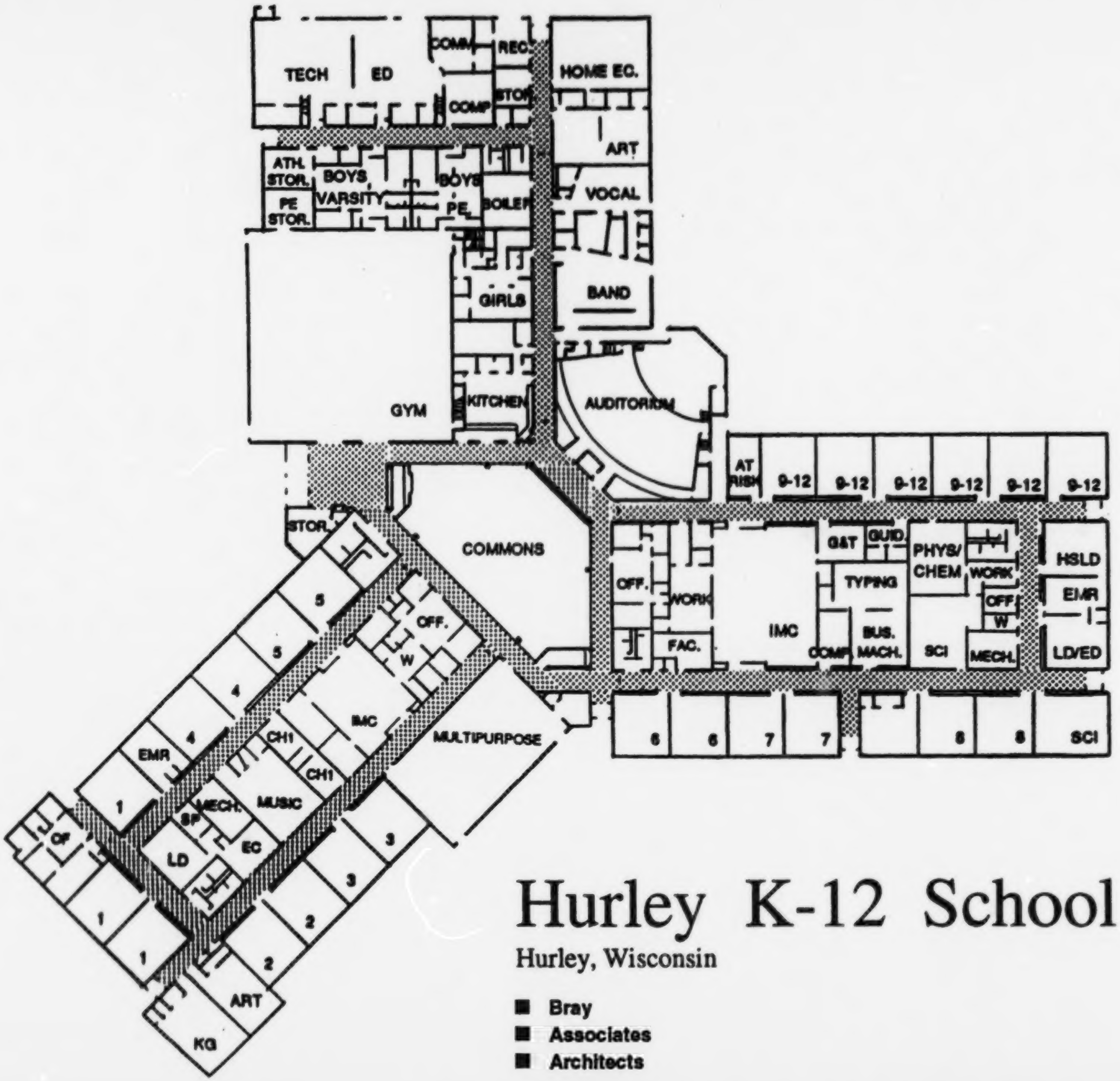
Area: Site: 50 Acres
Building: 84,790 SF

Cost per Sq. Ft.: $51

PROJECT DESCRIPTION: A new 6-12 school with separated classroom wings for junior high grades and high school classroom areas. Building includes a centrally located commons/cafeteria, IMC, prep kitchen, technical education wing, and gymnasium.

FEATURES

Site Development:	The school was constructed on a new 50-acre site.
Floors:	Concrete slab on grade.
Exterior Walls:	Combination decorative concrete face block and utility face brick, 2" rigid insulation, and concrete block with bead insulation.
Interior Walls:.	Concrete block corridor walls and classroom partitions.
Windows:	Fixed and operable aluminum windows with insulated glass and integral venetian blind system.
Roof:	Steel joist and metal deck with ballasted single-ply rubber roofing over 5" of rigid insulation.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms and locker rooms; carpeting in offices, classrooms and IMC; maple wood flooring in gymnasium; quarry tile in kitchen.
Base:	Vinyl base, ceramic, and quarry tile.
Walls:	Painted concrete block in classrooms, offices, and locker rooms. Ground face concrete block in main circulation corridors.
Ceilings:	2 x 4 and 2 x 2 lay-in mineral fiber acoustical tile and T-grid system.
HVAC:	Gas-fired boiler and air handler system. Office area and IMC are air conditioned.
Electrical:	2 x 4 lay-in troffer lighting in classrooms and offices, parabolic in computer labs. Exterior wall mounted building perimeter and parking area site lighting. Telephone, intercom and fire alarm system, computer raceways and cable TV provisions.
Special Equipment:	Library furnishings, electric folding bleachers, wrestling mat hoist, clock and bell system.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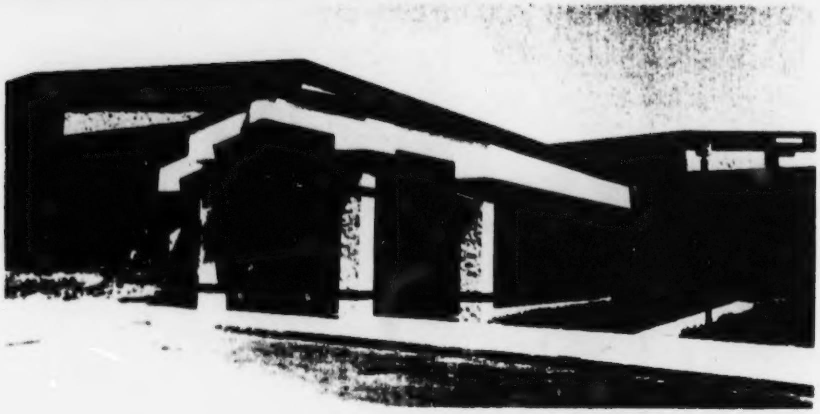
Hurley K-12 School

Hurley, Wisconsin

- **Bray**
- **Associates**
- **Architects**



NAME OF SCHOOL: HURLEY K-12 SCHOOL

GENERAL INFORMATION

Owner: Hurley School District
Mr. Roger A. Myren, District Administrator

Date Project Approved by S.D: Summer 1989
Date Construction Start: August 1989
Date Construction Completion: June 1991

Costs:		
	Construction:	$5,850,000
	Site Work:	$450,000
	Equipment:	$650,000
	TOTAL:	$6,950,000

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Wayne Nasi Construction, Inc.
(715) 561-5153

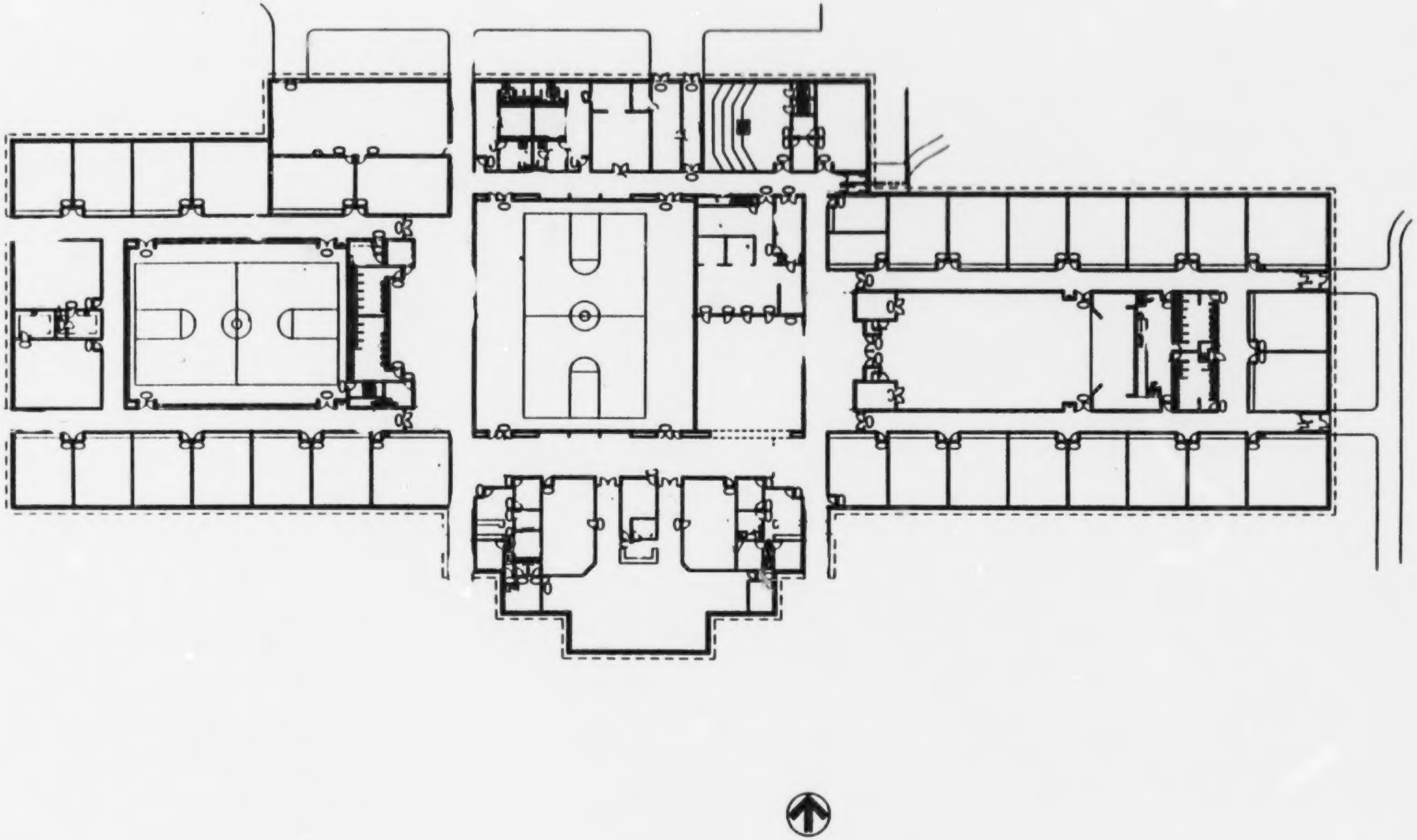
Area: 144,000 SF

Cost per Sq. Ft.: $48.26

PROJECT DESCRIPTION: The new K-12 facility houses all students within the District. Three Separate wings contain elementary, junior high, and senior high classrooms. A 350-seat performing art center auditorium and a large gymnasium are located just off the commons.

FEATURES

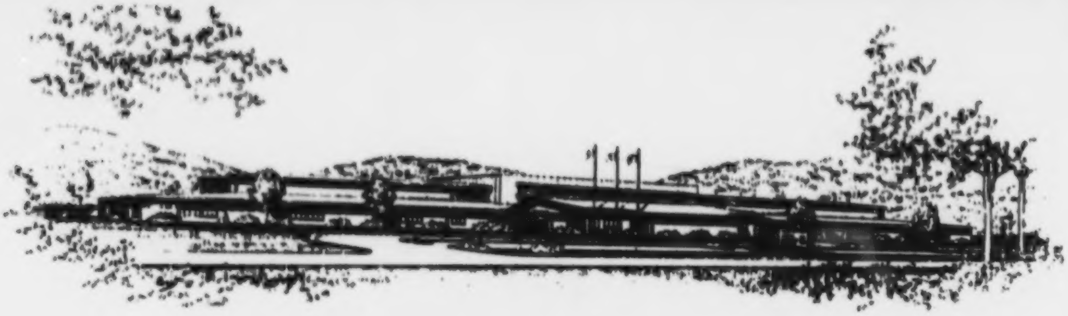
Site Development:	A 60-acre site was completely developed with black top drives and parking plus complete physical education and athletic fields.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired boilers serve perimeter radiation and heating coils in duct work. Offices, core areas, and the IMC are air conditioned.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.



SCALE

Foth & Van Dyke

K-12 SCHOOL BUILDING
Gays Mills / Soldiers Grove, Wisconsin



NAME OF SCHOOL: North Crawford K-12 School
GENERAL INFORMATION

Owner: North Crawford School District
Gays Mills, Wisconsin

Date Construction Start: July 1990
Date Construction Completion: July 1991

Costs:

Construction:	4,335,000
Site Work:	465,000
Equipmt:	150,000
TOTAL:	4,950,000

Architect: Foth & Van Dyke
Green Bay, Wisconsin

Contractor: Kraemer Bros
Plain, WI

Area: Site: 49.5 acres
Building: 91,132 s.f.
Cost per Sq Ft: $47.57

PROJECT DESCRIPTION:

Foth & Van Dyke completed a district-wide facility study and complete planning and design of a new K-12 school facility for 600 students. The new facility design features a "mainstreet" concept which promotes, yet controls, mixing of student and community populations. The classrooms are arranged around core facilities that include art, music, physical education, the IMC and a cafeteria/commons. The building features two gymnasiums and a motor skills/performing arts center. Elementary and high school students are segregated in separate academic wings but share the core facilities.

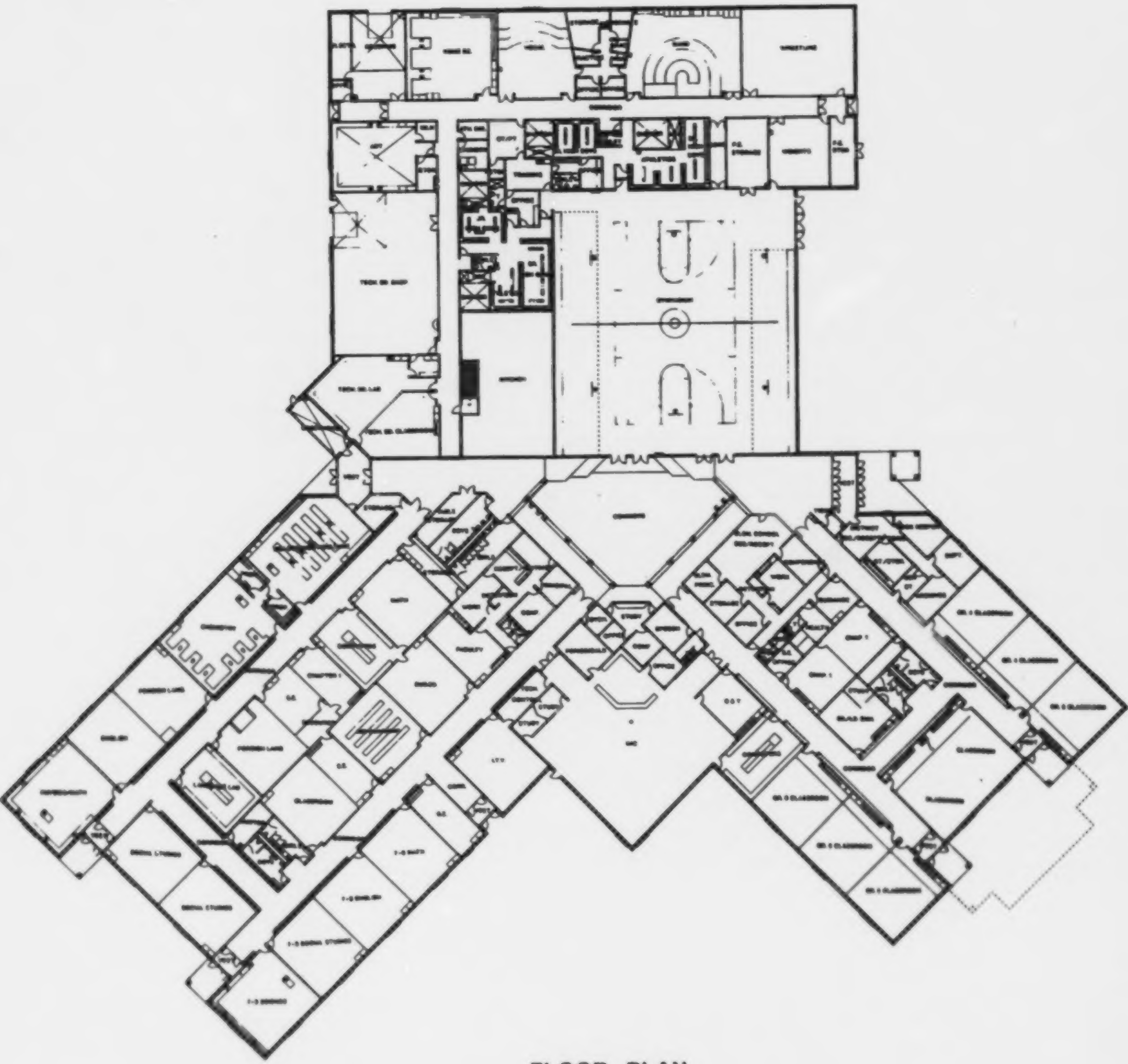
FEATURES

Site Development:	Includes athletic fields, eight lane running track and on-site water and sewage disposal, due to its rural location.
Exterior Walls:	Brick/block
Interior Walls:	Block/drywall
Windows:	Clad wood casement
Roof:	Rubber membrane
Floor Finishes:	Carpet; VCT; wood gym floors
Base:	Vinyl
Walls:	Painted block/drywall
Ceilings:	Acoustical tile
HVAC:	Forced air plus water base board
Electrical:	Fluorescent and metal halide lighting
Special Equipment:	Full computer network including energy management and security

Shell Lake Middle/High School

Shell Lake, Wisconsin

- **Bray**
- **Associates**
- **Architects**



FLOOR PLAN

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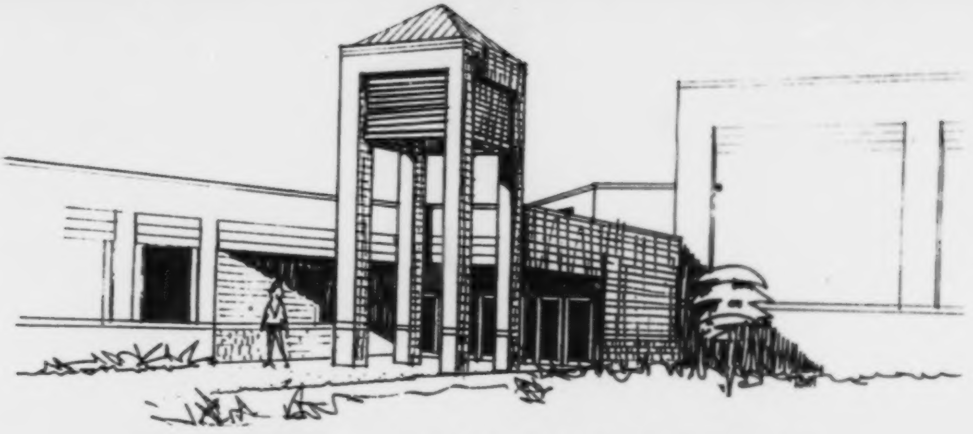


NAME OF SCHOOL: SHELL LAKE MIDDLE/HIGH SCHOOL

GENERAL INFORMATION

Owner: Shell Lake School District
Mr. Roger Hulne, District Administrator

Date Project Approved by S.D: September 1991
Date Construction Start: May 1992
Date Construction Completion: August 1993

Costs:		
	Construction:	$5,098,025
	Site Work:	$113,275
	Equipment:	$203,900
	TOTAL:	$5,415,200

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Frank Tomlinson Co., Inc.
(715) 682-5566

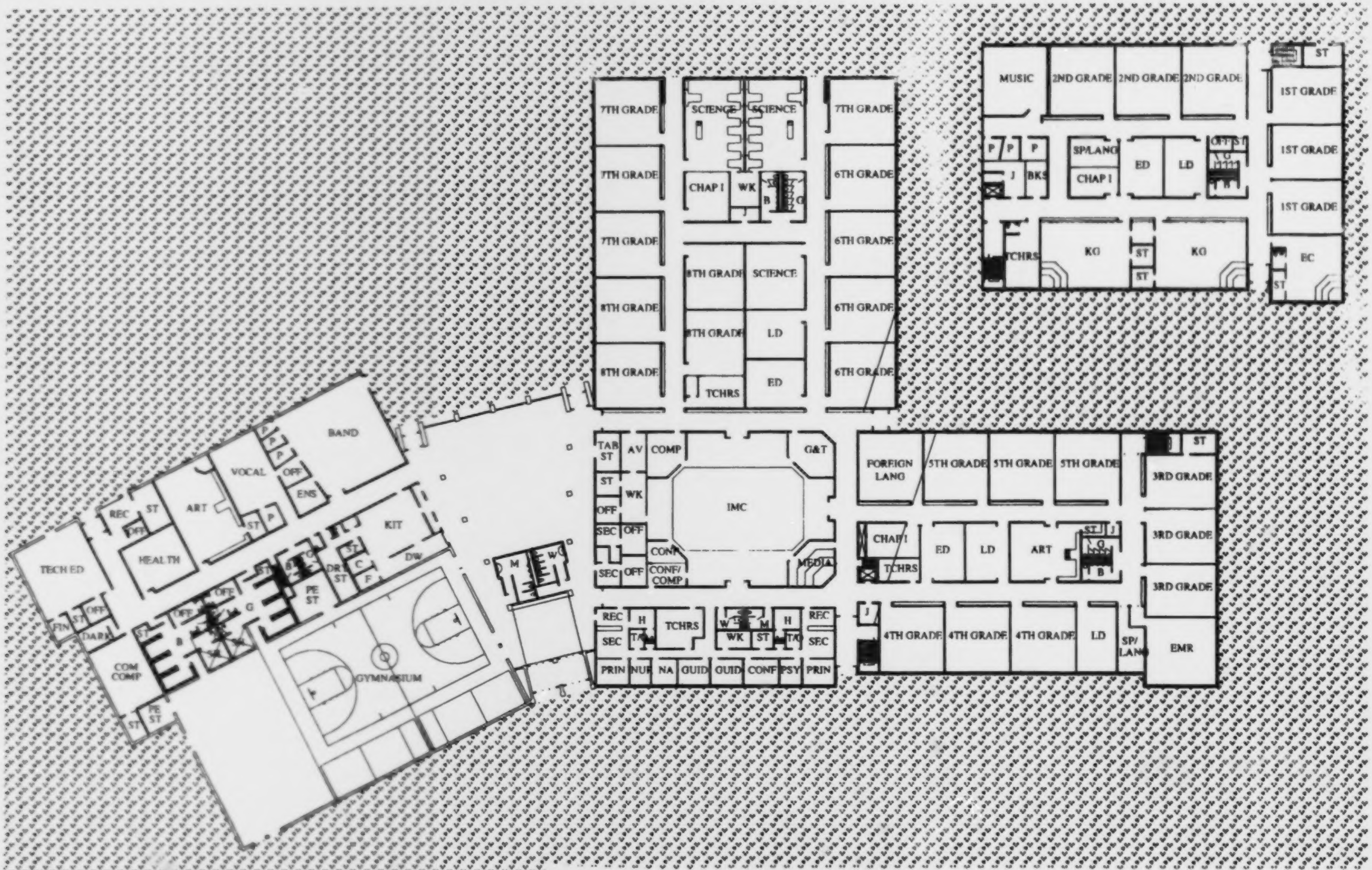
Area: Site: 50 acres
Building: 105,000 SF

Cost per Sq. Ft.: $51.57

PROJECT DESCRIPTION: A $2 million gift led to approval of a combined elementary, middle and senior high school. Three separate classroom wings diverge upon the core which houses the commons, gymnasium, IMC, and administration offices.

FEATURES

Site Development:	Site grading, parking, access drives, physical education fields, and landscaping.
Floors:	Concrete slab on grade. Precast deck with topping.
Exterior Walls:	4" patterned cement masonry units with 2" rigid insulation and 8" interior block.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.



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Spring Hill Elementary School

Wisconsin Dells, Wisconsin

Bray
Associates
Architects

NAME OF SCHOOL: SPRING HILL ELEMENTARY/MIDDLE SCHOOL

GENERAL INFORMATION

Owner: Wisconsin Dells School District
Mr. Robert Stim, District Administrator

Date Project Approved by S.D: August 1990
Date Construction Start: October 1990
Date Construction Completion: October 1991

Costs:		
	Construction:	$4,914,650
	Site Work:	$350,000
	Equipment:	$580,000
	TOTAL:	$5,844,650

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: Kraemer Brothers, Inc.
(608) 546-2411

Area: 117,321 SF

Cost per Sq. Ft.: $49.81

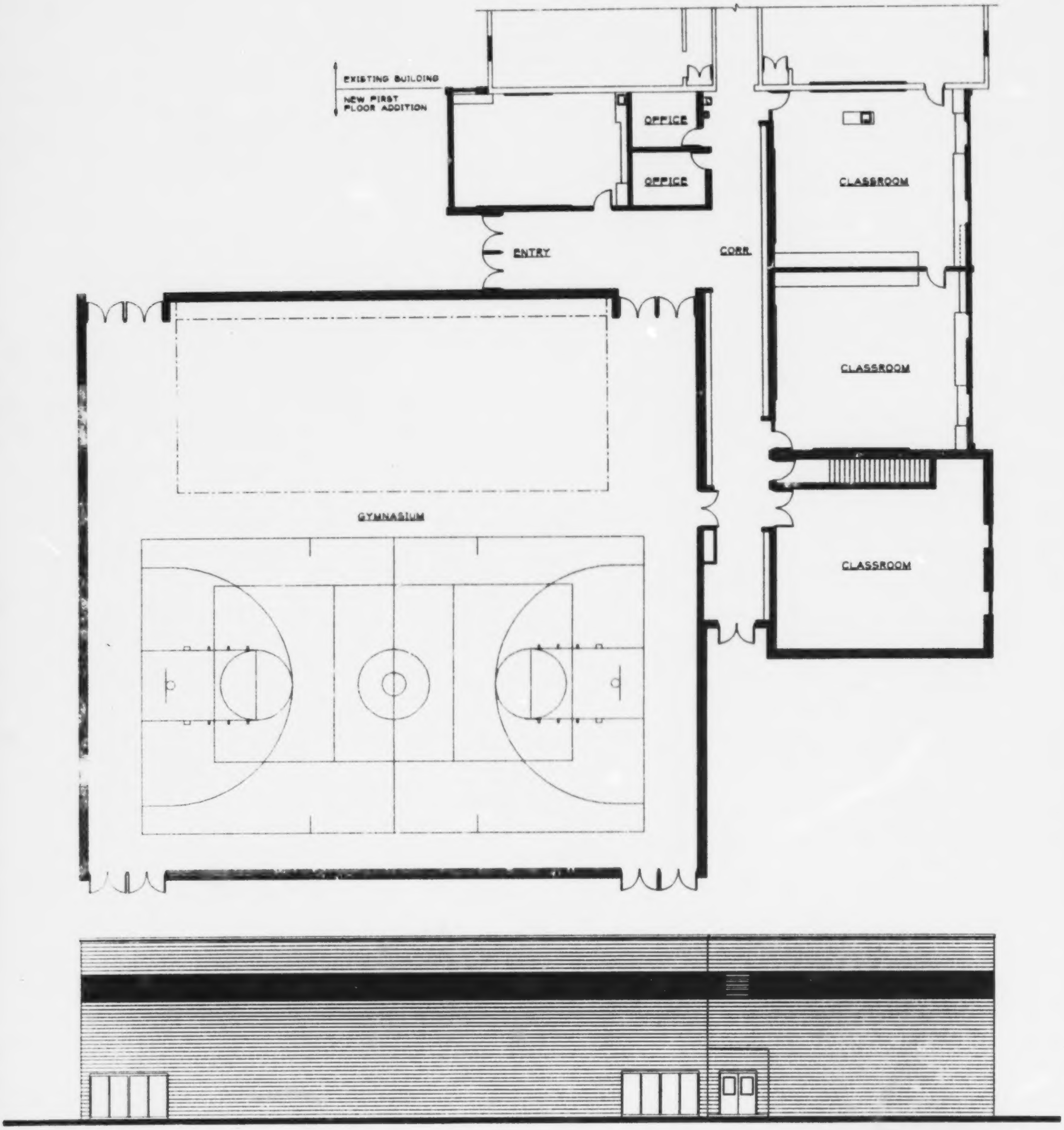
PROJECT DESCRIPTION: A new multi-level K-8 elementary/middle school. The building contains a 14,000 SF gymnasium (to serve all grades), a 6,000 SF IMC facility, a technical education area, band room, and special education classrooms.

FEATURES

Site Development:	The school is built on a sloped and wooded site adjacent to the existing high school.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	A forced air system with selected areas to be air conditioned.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.

8. Combinations: Additions and Remodeling

- Alma
- Baldwin-Woodville
- Drummond
- Granton
- Mellen
- Niagara
- Northern Ozaukee
- Pardeeville
- Prairie Farm
- Racine
- Solon Springs
- Spencer
- Stockbridge
- Thorp
- Weston


EXISTING BUILDING
NEW FIRST FLOOR ADDITION
OFFICE
OFFICE
CLASSROOM
ENTRY
CORR.
CLASSROOM
GYMNASIUM
CLASSROOM

NORTH

ALMA SCHOOL FIRST FLOOR ADDITION
FLOOR PLAN AND SOUTH ELEVATION

PROFESSIONAL
MANAGEMENT
SERVICES, INC.

NAME OF SCHOOL: ALMA SCHOOL

GENERAL INFORMATION

Owner: Alma Area School District
Steven Sedlmayr, District Administrator

Date Project Approved by S.D:
Date Construction Start: 5/18/92
Date Construction Completion: 10/31/92

Costs:		
	Construction:	636,910.51
	Site Work:	16,850.00
	Equipment:	185,179.00
	TOTAL:	838,939.51

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 2,000 s.f.
Addition: 16,000 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Gymnasium and Classroom Addition

FEATURES

Site Development:

Floors: Concrete slab-on-grade and precast concrete floor system.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block and metal stud.

Windows: Fixed and operable aluminum clad wood windows, double glazing, and removable screens.

Roof: Steel bar joist with metal decking or truss joist with wood deck roof system, both with rigid e.p.s. insulation and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient flooring and wood gymnasium flooring.

Base: Vinyl and rubber.

Walls: Painted concrete block or gypsum board, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Gymnasium bleachers, fire alarm system, and intercom system.

No Floor Plan
Provided

NAME OF SCHOOL: GREENFIELD ELEMENTARY AND VIKING MIDDLE SCHOOLS

GENERAL INFORMATION

Owner: Baldwin-Woodville Area School District
Duane Lones, District Administrator

Date Project Approved by S.D:
Date Construction Start: 7/22/91
Date Construction Completion: 2/1/92

Costs: Construction: 798,330.38
Site Work: 148,776.13
Equipment: 517,659.58
TOTAL: 1,464,736.09

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 2,800 s.f.
Addition: 20,270 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Additions and alterations to Greenfield Elementary and Viking Middle Schools

FEATURES

Site Development:

Floors: Concrete slab-on-grade.

Exterior Walls: Brick, rigid insulation, concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable plastic clad wood windows, double glazing and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and single-ply roof membrane system.

Floor Finishes: Carpeting, V.C. tile, terrazzo, and wood gymnasium flooring.

Base: Vinyl and quarry tile.

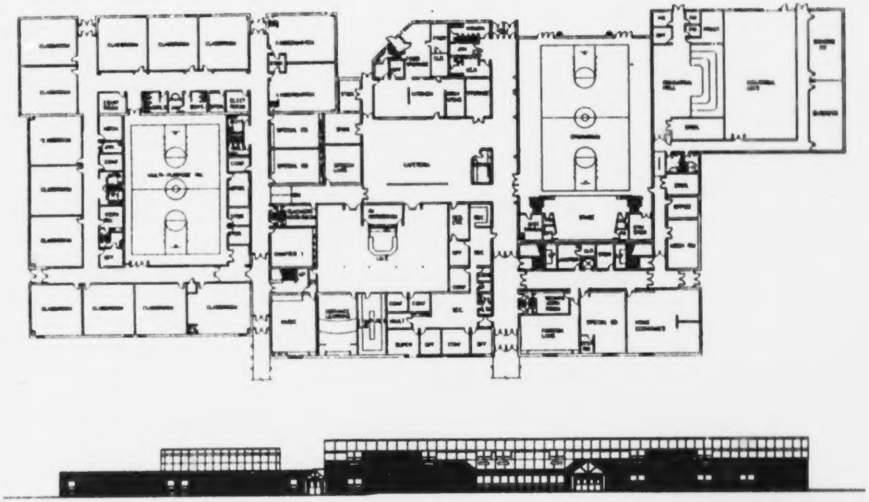
Walls: Painted concrete block, latex or epoxy.

Ceilings: 2 x 4 and 2 x 2 lay-in mineral fiber acoustical tile and 2 x 2 "Tectum" acoustical tile.

HVAC:

Electrical:

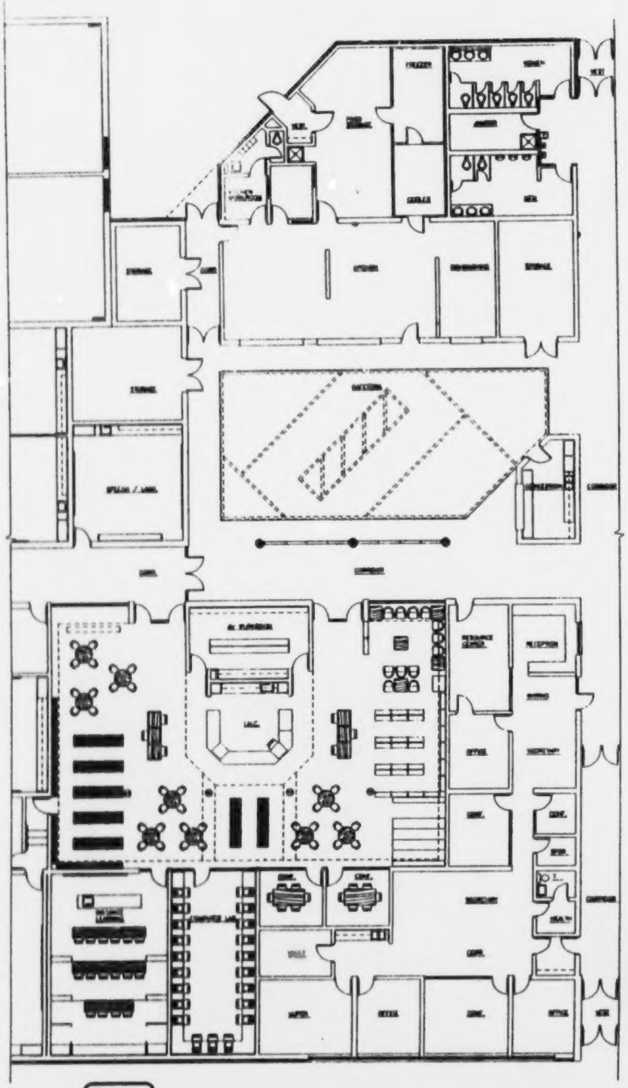
Special Equipment: Gymnasium bleachers and sound system.



NORTH

DRUMMOND SCHOOL OVERALL FLOOR PLAN & WEST ELEVATION

PROFESSIONAL MANAGEMENT SERVICES, INC.



NORTH

ENLARGED DRUMMOND CAFETERIA / I.M.C. PLAN

PROFESSIONAL MANAGEMENT SERVICES, INC.

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NAME OF SCHOOL: DRUMMOND SCHOOL

GENERAL INFORMATION

Owner: Drummond Area School District
Donald Anderson, District Administrator

Architect: Professional Management Services, Inc.
(715) 834-6661

Date Project Approved by S.D:
Date Construction Start: 6/10/91
Date Construction Completion: 2/1/92

Contractor: Construction Manager: P.M.S.I.

Area: Site: 180,000 s.f.
Building: 51,000 s.f.

Costs:

Construction:	1,093,637.66
Site Work:	107,200.00
Equipment:	853,841.66
TOTAL:	2,054,679.32

Cost per Sq. Ft.: $40.28

PROJECT DESCRIPTION: Building demolition, additions, and alterations to Drummond School and 3,000 s.f. locker room addition.

FEATURES

Site Development:

Floors: Concrete slab-on-grade and precast concrete floor system.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable aluminum clad wood windows, double glazing, and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient tile and quarry tile.

Base: Vinyl, ceramic tile, and quarry tile.

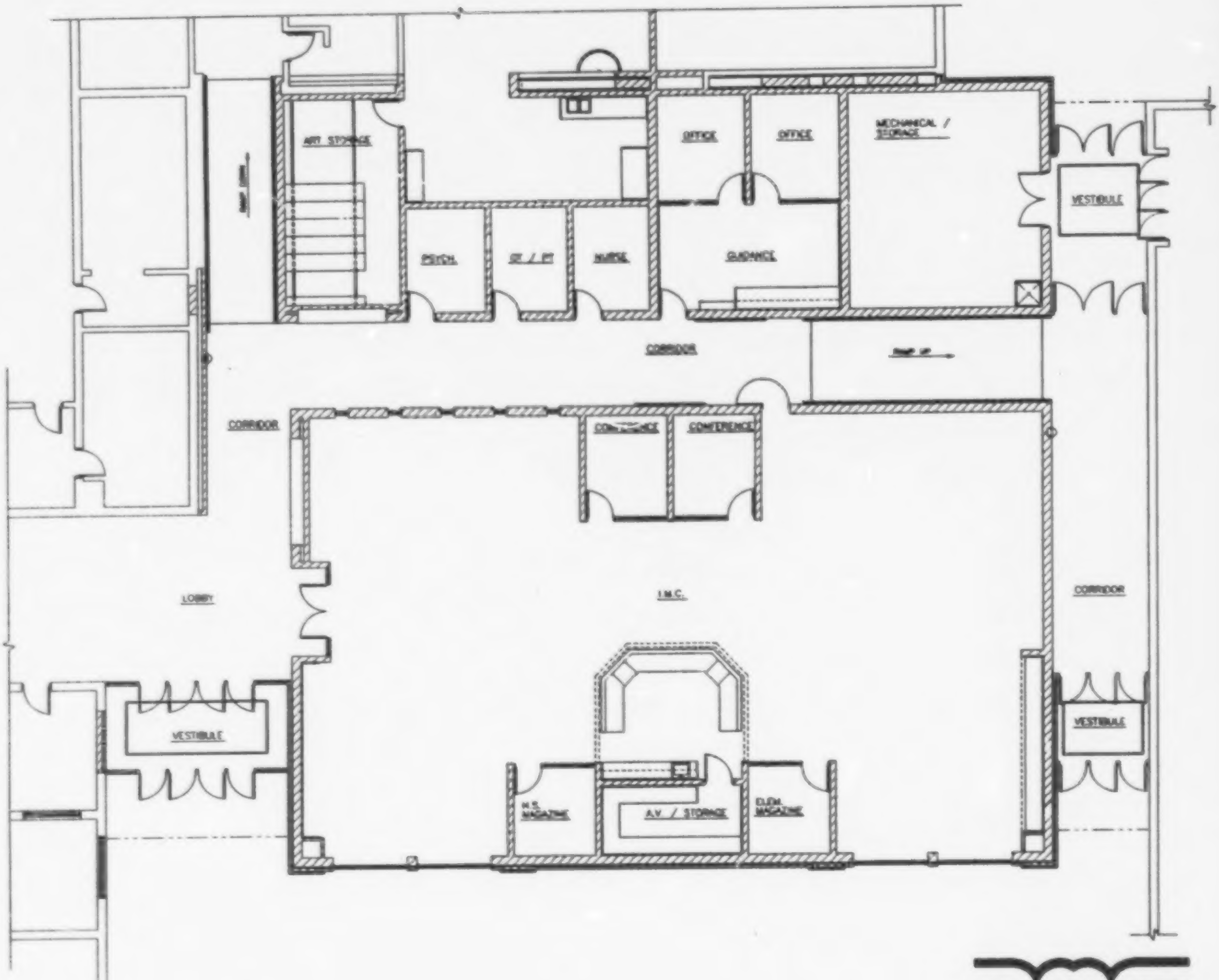
Walls: Painted concrete block, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Food service equipment, wheelchair lift, fire alarm system, and public address system.


ART STORAGE
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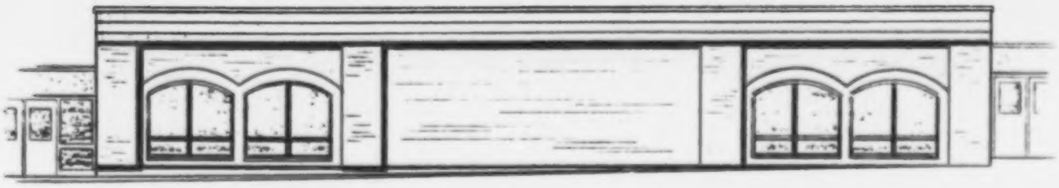
CONFERENCE
LOBBY
I.M.C.
CORRIDOR
VESTIBULE
VESTIBULE
H.S. MAGAZINE
A.V. / STORAGE
ELEM. MAGAZINE
NORTH

GRANTON SCHOOL I.M.C.
ADDITION FLOOR PLAN

PROFESSIONAL
MANAGEMENT
SERVICES, INC.



NAME OF SCHOOL: GRANTON SCHOOL

GENERAL INFORMATION

Owner: Granton Area School District
James Friesen, District Administrator

Date Project Approved by S.D:
Date Construction Start: 4/15/91
Date Construction Completion: 10/11/91

Costs: Construction:	879,127.11
Site Work:	40,000.00
Equipment:	461,238.32
TOTAL:	1,380,365.43

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: 29,000 s.f.

Cost per Sq. Ft.: $47.60

PROJECT DESCRIPTION: Additions to Granton School

FEATURES

Site Development:

Floors: Concrete slab-on-grade and prestress concrete double-tee beams.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable aluminum clad wood windows, double glazed and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and ballasted single-ply roof membrane roof system.

Floor Finishes: Carpeting, resilient tile and quarry tile.

Base: Vinyl, ceramic tile, and quarry tile.

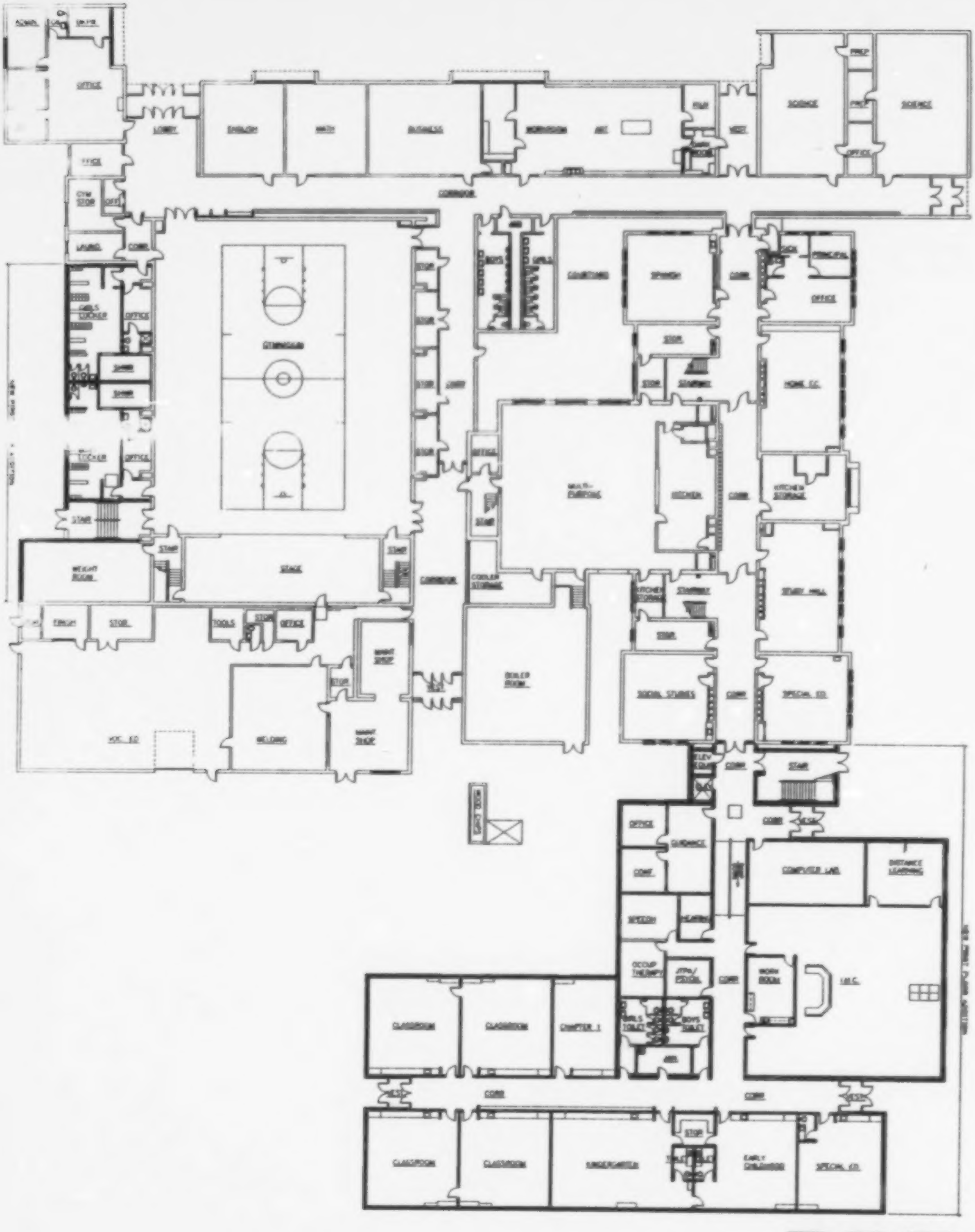
Walls: Painted concrete block, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Two-story 2,000 lb. hydraulic passenger elevator, fire alarm system and public address system.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CLASSROOM
KINDERGARTEN
EARLY CHILDHOOD
SPECIAL ED.

NORTH

MELLEN SCHOOL FIRST
FLOOR PLAN W/ ADDITION

PMS
PROFESSIONAL
MANAGEMENT
SERVICES, INC.

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NAME OF SCHOOL: MELLEN SCHOOL

GENERAL INFORMATION

Owner: Mellen School District
Richard Stokes, District Administrator

Date Project Approved by S.D:
Date Construction Start: 9/21/92
Date Construction Completion: 9/15/93

Costs:

Construction:	1,383,481.00
Site Work:	113,893.25
Equipment:	716,471.79
TOTAL:	2,213,846.04

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: Construction Manager: P.M.S.I.

Area: Site:
Building: Remodeling: 19,500 s.f.
Addition: 24,000 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Remodel a 3-story and 1-story building. New construction consists of 21,000 s.f. classroom addition and 3,000 s.f. locker room addition.

FEATURES

Site Development:

Floors: Concrete slab-on-grade, steel bar joist and concrete topping.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block corridor walls and classrooms.

Windows: Projected aluminum clad wood windows, double glazing, and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation and single-ply roof membrane system.

Floor Finishes: Carpeting, resilient and hard flooring.

Base: Vinyl and ceramic.

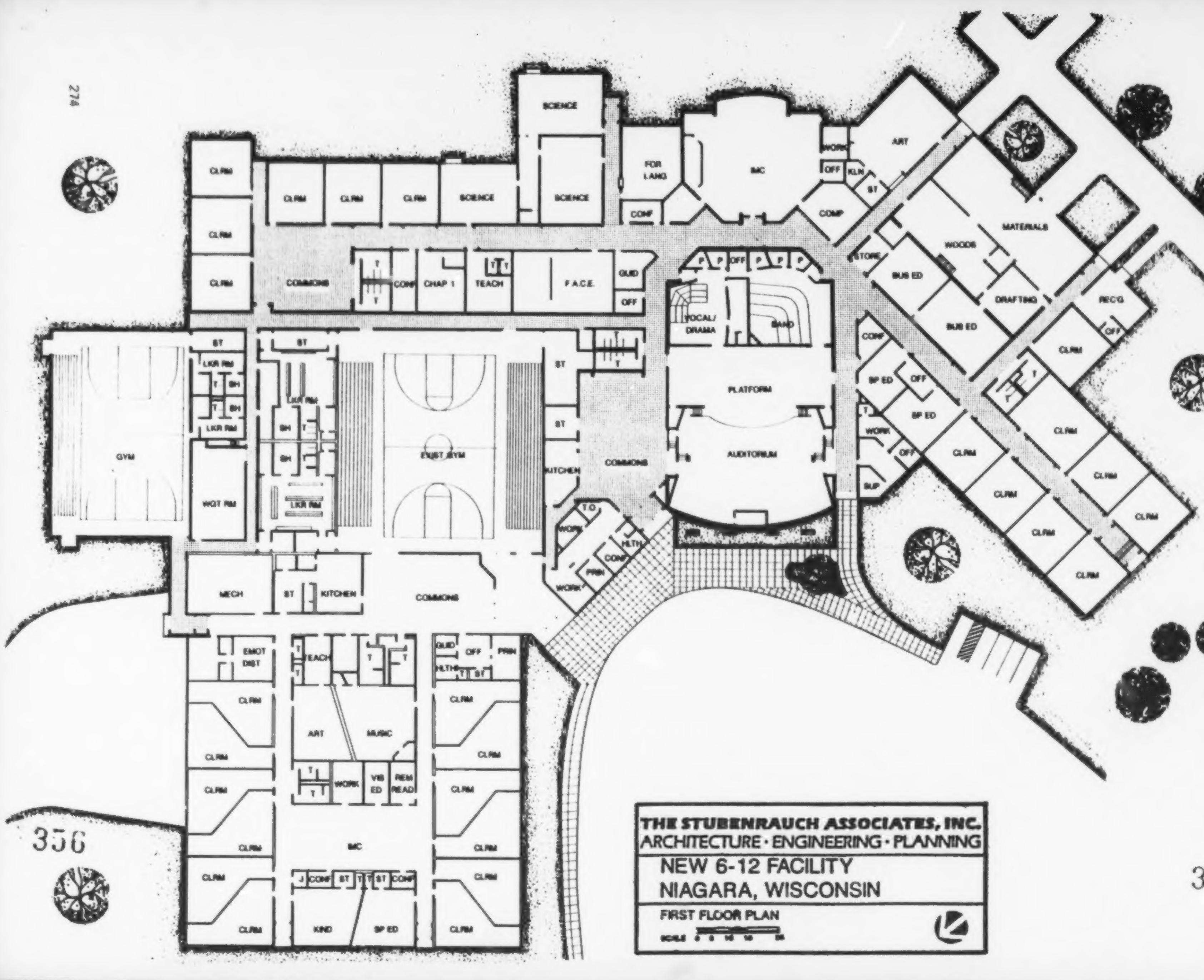
Walls: Painted concrete block or gypsum board, latex or epoxy.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

HVAC:

Electrical:

Special Equipment: Hydraulic passenger elevator, wheelchair lift, fire alarm system, and intercom system.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THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE · ENGINEERING · PLANNING

NEW 6-12 FACILITY
NIAGARA, WISCONSIN

FIRST FLOOR PLAN

SCALE 0 5 10 15 20

NIAGARA MIDDLE SCHOOL/HIGH SCHOOL

GENERAL INFORMATION

Owner: School District of Niagara
Frederick C. Aronson, District Administrator

Date Project Approved by S.D: October 14, 1991
Date Construction Start: February 14, 1992
Date Construction Completion: November 18, 1992

Costs:
Construction: $5,835,320
Site Work: 220,000
Equipment: 450,610
TOTAL: **$6,505,930**

Architect: The Stubenrauch Associates, Inc.
(414) 458-3526

Contractor: Miron Construction
(414) 740-3060

Area: Site: 46 acres
Building: 85,422 sq. ft. new
1,659 sq. ft. remodel

Cost per Sq. Ft.: $74.71(combined)

PROJECT DESCRIPTION: 12 classrooms, Grade 6-12, Specialty rooms include: commons, locker rooms, kitchen, IMC area, two speech rooms, one Chapter 1 room, computer room, home ec room, art room, bookkeeping and administrative offices.

FEATURES

Site Development: Grading and seeding.

Floors: Carpet, VCT, ceramic tile, wood gym floor, 4" slab on grade - 12" precast plank.

Exterior Walls: Precast panels (match existing)

Interior Walls: Painted CMU, painted gypsum board.

Windows: Fixed aluminum

Roof: EPDM ballasted

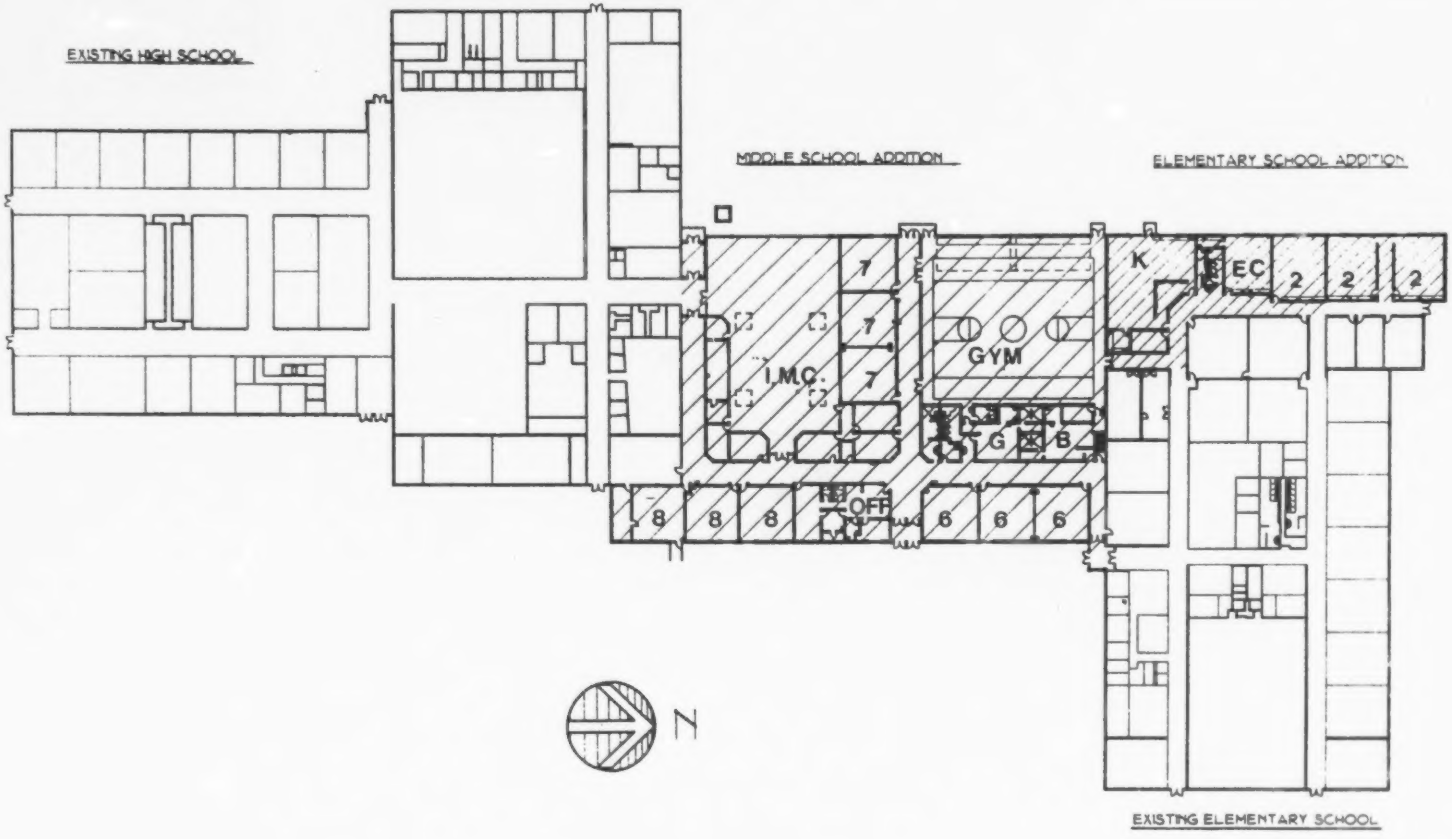
Floor Finishes: See above

Base: 4" resilient

Walls: 6" and 8" CMU, steel studs and gypsum board (two layers)

Ceilings: 2 x 2 lay-in acoustic tile, 2 x 4 lay-in vinyl covered gypsum board, exposed structural

HVAC: VAV with air conditioning


EXISTING HIGH SCHOOL
MIDDLE SCHOOL ADDITION
ELEMENTARY SCHOOL ADDITION
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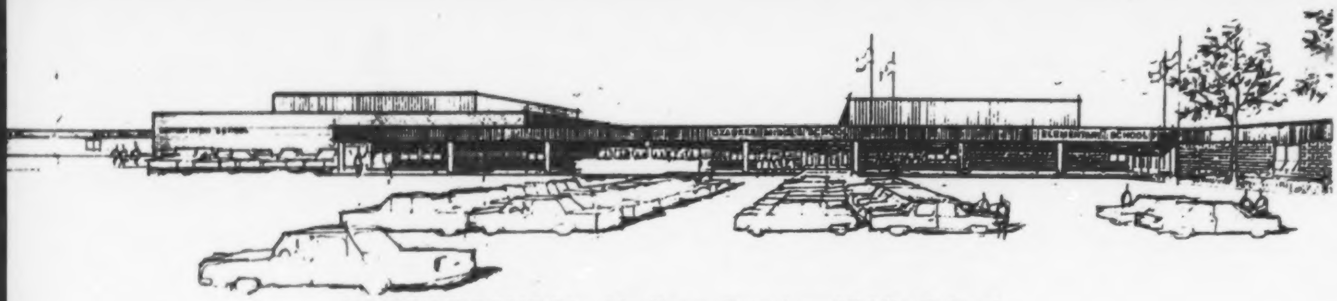
EXISTING ELEMENTARY SCHOOL

NORTHERN OZAUKEE ADDITIONS



NAME OF SCHOOL: Northern Ozaukee Middle School

GENERAL INFORMATION

Owner: Northern Ozaukee School District
Frank Parsons, District Administrator

Date Project Approved by S.D: April 1993
Date Construction Start: May 1993
Date Construction Completion: Dec 1993

Costs:	**Construction:**	$1,851,588.00
	Site Work:	90,000.00
	Equipment:	111,000.00
TOTAL:		**$2,052,588.00**

Architect: Gene Cravillion / AGL
(414) 787-7476

Contractor: Hoffman Brothers
(414) 793-1372

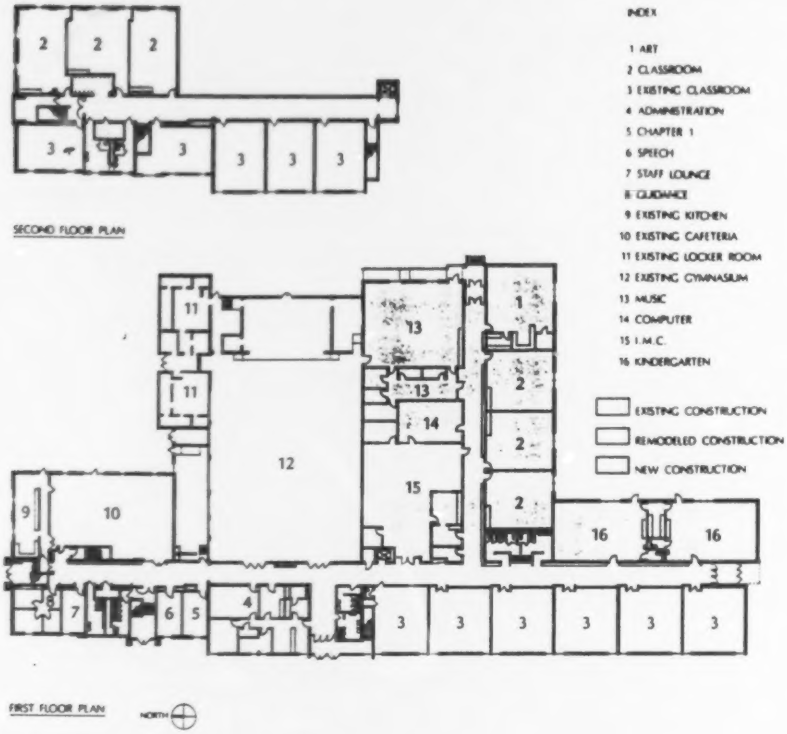
Area: Site: 40 Acres
Building: 45,355 sq. ft.

Cost per Sq. Ft.: $45.25

PROJECT DESCRIPTION: 45,355 Square foot addition connecting high on one side and elementary school on the other to form K-8 under one roof. 4 Elementary class rooms, 9 middle school classrooms around IMC, New 2 station gym, locker rooms, middle school offices, computer labs.

FEATURES

Site Development:	Finish grade with finish landscape, sidewalks, paved drives and parking.
Floors:	Concrete slab on grade, steel joists metal deck concrete topping at equipment room above lockers.
Exterior Walls:	Split face decorative block, 2" rigid insulation, 8" concrete, insulated concrete block. Steel frame at upper gym walls.
Interior Walls:	Concrete block and operable walls between classrooms.
Windows:	1" Insulating glass in aluminum frame, some awning vents.
Roof:	Steel joist, metal deck, rigid insulation, ballasted single ply membrane, slope to interior drains at exterior walls.
Floor Finishes:	Quarry tile entrance, cer. tile toilet and shower rooms, vinyl tile corridors and wet areas of classrooms, carpet classrooms, offices, and IMC; wood gym floor.
Base:	Cer. tile and recessed concrete block painted.
Walls:	Concrete block painted with accent stripe above 2'-0" high continuous tack board.
Ceilings:	Mineral fibre acoustic tile 2 X 4 in classrooms, 2 X 2 in library and offices.
HVAC:	Gas fired boilers serving central air handling units in gym balcony controlled by pneumatic thermostats to variable air volume.
Electrical:	2 X 4 Lay in, 2 X 2 in library and offices, mercury vapor in gym.
Special Equipment:	Fire, smoke alarm.



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7 STAFF LOUNGE
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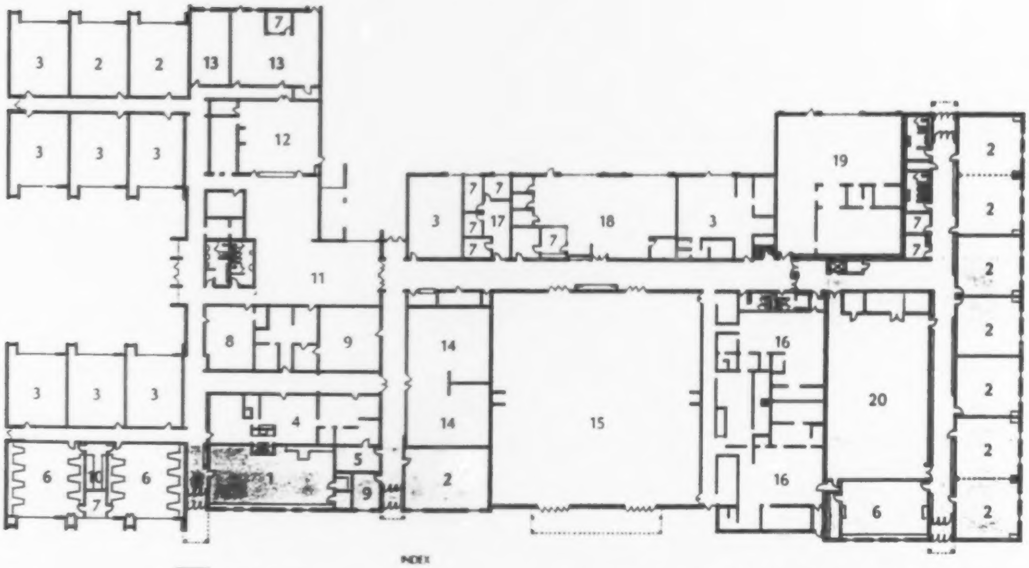
10 EXISTING CAFETERIA
11 EXISTING LOCKER ROOM
12 EXISTING GYMNASIUM
13 MUSIC
14 COMPUTER
15 I.M.C.
16 KINDERGARTEN

☐ EXISTING CONSTRUCTION
☐ REMODELED CONSTRUCTION
☐ NEW CONSTRUCTION

PARDEEVILLE ELEMENTARY SCHOOL

PARDEEVILLE, WISCONSIN ©1993



☐ EXISTING CONSTRUCTION
☐ REMODELED CONSTRUCTION
☐ NEW CONSTRUCTION

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15 EXISTING GYMNASIUM
16 EXISTING LOCKER ROOM
17 GUIDANCE
18 I.M.C.
19 EXISTING TECH. ED.
20 MULTI-PURPOSE

PARDEEVILLE JUNIOR/SENIOR HIGH SCHOOL

PARDEEVILLE, WISCONSIN ©1993

Potter Lawson
Architects Engineers Interiors

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Pardeeville Area Schools Additions and Alterations to Pardeeville Elementary and Jr/Sr High Schools

Owner: Pardeeville Area School District
Arthur Keenan, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: November 1992
Date Construction Start: July 1993
Date Construction Completion: September 1994

Contractor: Westra Construction

Construction Cost: $2,519,000

Area: **Site:** Existing
Building: 39,230 sf Additions
26,270 sf Alterations

Project Description: We developed many options affecting all facilities in the district in determining how to best improve Pardeeville's aging and inadequate facilities facing overcrowded conditions. The addition at the elementary school will include general classrooms, IMC, and specialized spaces for art and band. Remodeling will update the cafeteria, classrooms and offices.

An addition to the Jr./Sr. High School will create a junior high classroom wing including a multi-purpose room. A second addition will increase high school space with an art room and general classrooms. Remodeling includes complete renovation of science rooms and the IMC. We assisted Pardeeville with an extensive referendum campaign for this project.

Site Development: Typically minor transition work around the additions. Kindergarden play area.

Floors: Concrete slab on grade, precast concrete plank supported floor.

Exterior Walls: Face brick, rigid insulation, concrete block back-up.

Interior Walls: Concrete block, drywall on metal studs, moveable panel partitions.

Windows: Operable aluminum windows with 1 inch insulating glass.

Roof: Ballasted EPDM

Floor Finishes: Carpet, resilient tile, ceramic tile

Base: Vinyl, ceramic

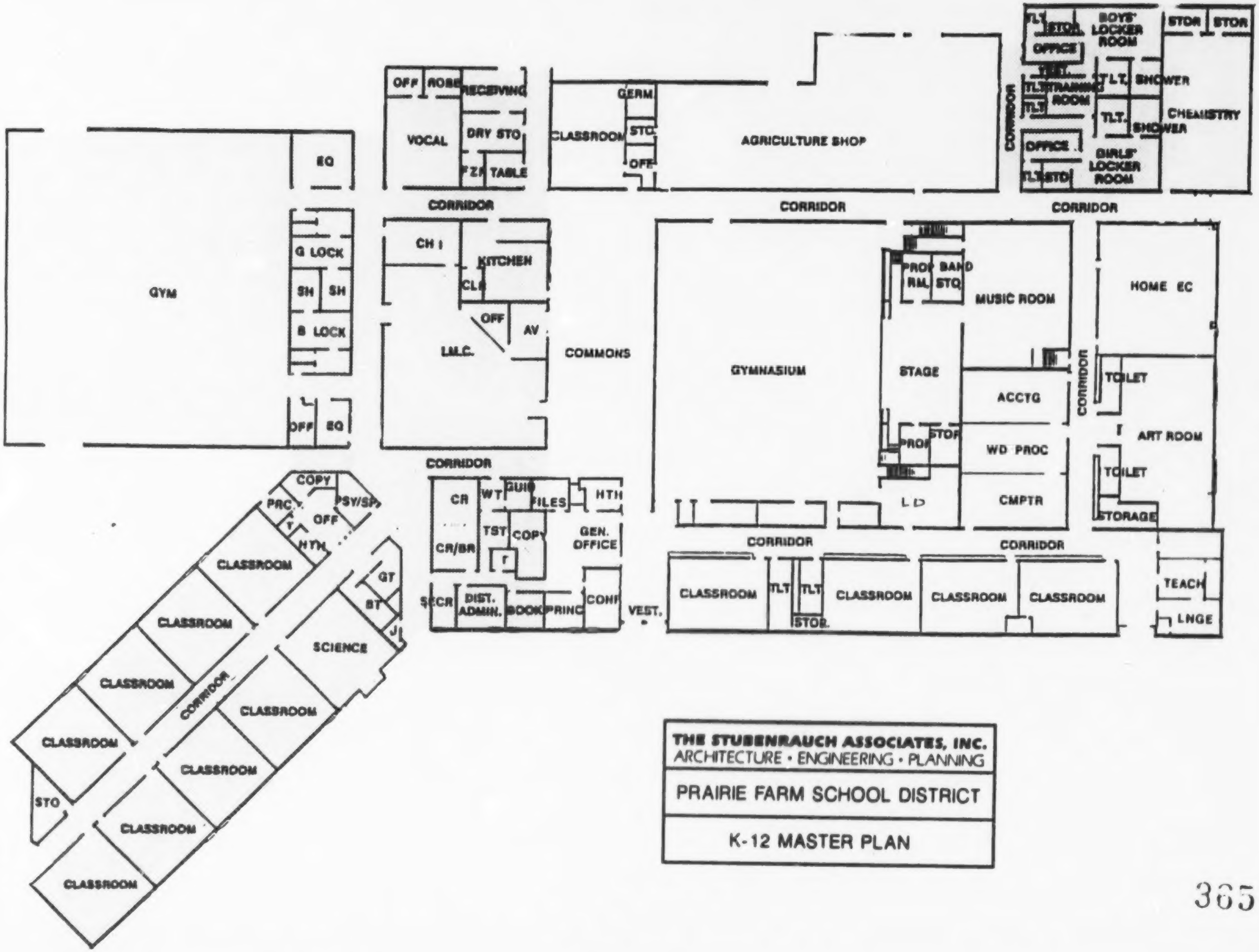
Walls: Paint, epoxy paint

Ceilings: Lay-in acoustic, painted drywall

HVAC: Elementary School: Unit ventilators from added boiler modules, A/C in library and offices.
Jr/Sr. High: Overhead air heating and ventilating system from existing boiler. A/C in library.

Electrical: Elementary School: New service, fire alarm, clock system, PA, lighting.
Jr/Sr High: New systems in additions

Special Equipment: Elementary School: Elevator, chalkboards/tackboards, casework, band instrument storage cabinets. Jr/Sr High: Elevator, chalkboards/tackboards, casework, science lab casework and signage.


OFF
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VOCAL
DRY STO
FZR
TABLE
CLASSROOM
GERM
STO
OFF
AGRICULTURE SHOP
CORRIDOR
TLT
STOR
BOYS' LOCKER ROOM
STOR
STOR
OFFICE
VEST.
TLT
TRAINING ROOM
TLT
SHOWER
TLT
SHOWER
CHEMISTRY
OFFICE
GIRLS' LOCKER ROOM
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CORRIDOR
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I.M.C.
COMMONS
GYMNASIUM
PROP RM.
BAND STO
MUSIC ROOM
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ACCTG
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CMPTR
HOME EC
CORRIDOR
TOILET
ART ROOM
TOILET
STORAGE
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FILES
HTH
CR/BR
TST
COPY
GEN. OFFICE
SECR
DIST. ADMIN.
BOOK
PRINC
CONF
VEST.
CORRIDOR
CLASSROOM
TLT
TLT
STOR
CLASSROOM
CORRIDOR
CLASSROOM
CLASSROOM
TEACH
LNGE
COPY
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PSY/SP
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CLASSROOM
CORRIDOR
CLASSROOM
CLASSROOM
CLASSROOM
STO
CLASSROOM
CLASSROOM

THE STUBENRAUCH ASSOCIATES, INC.
ARCHITECTURE • ENGINEERING • PLANNING

PRAIRIE FARM SCHOOL DISTRICT

K-12 MASTER PLAN

364

365

PRAIRIE FARM JR./SR. SCHOOL

GENERAL INFORMATION

Owner: Prairie Farm School District
John Banks, District Administrator

Date Project Approved by S.D: Fall 1990
Date Construction Start: Spring 1991
Date Construction Completion: Fall 1991

Costs:

Construction:	$2,087,762
Site Work:	Included
Equipment:	189,324
TOTAL:	$2,277,086

Architect: The Stubenrauch Associates, Inc.
(715) 634-4741

Contractor: Hoeppner Bldg. Corp.
(715) 835-3179

Area: **Site**: Existing
Building: 40,644 sq. ft. addition
12,885 sq. ft. remodel

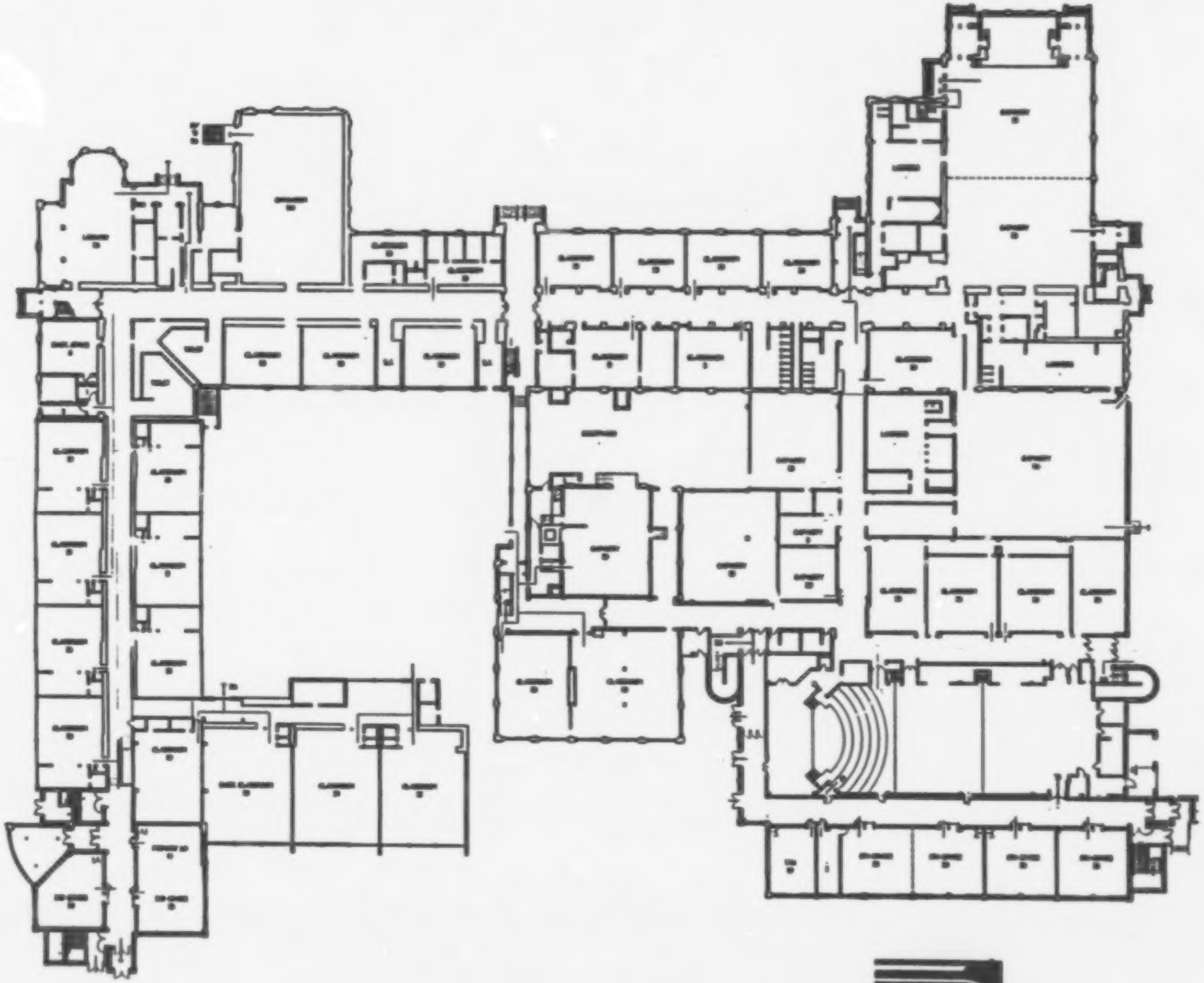
Cost per Sq. Ft.: $42.54 (combined)

PROJECT DESCRIPTION: Addition consisting of eight classrooms, two Science rooms, 900 seat gymnasium, locker and shower rooms, IMC, Music room, kitchen and offices. Remodeled area consisting of Commons, Home Ec and Computer rooms.

FEATURES

Site Development:	Excavation for building addition at existing site.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Textured concrete brick and fluted block, 2" rigid insulation and concrete block.
Interior Walls:	CMU and metal studs with gypsum board.
Windows:	Metal clad operable with slimshades.
Roof:	EPDM ballasted membrane with tapered insulation system on metal bar joist.
Floor Finishes:	12" x 12" Fritztile at vestibules and Commons, CPT at corridor and classrooms, and ceramic tile at kitchen and locker rooms. Wood floor at gymnasium.
Base:	Vinyl and ceramic tile.
Walls:	Painted concrete block at corridors and classrooms, ceramic tile at shower and vinyl wall fabric at offices.
Ceilings:	2 x 2 mineral fiber acoustical ceiling.
HVAC:	New gas fired boiler, unit ventilators at classrooms.
Electrical:	2 x 4 lay-in troffer and classrooms and corridor. 4 x 4 lay-in at commons and direct and indirect suspended strip lighting at IMC.
Special Equipment:	Fire alarm and PA system.

282



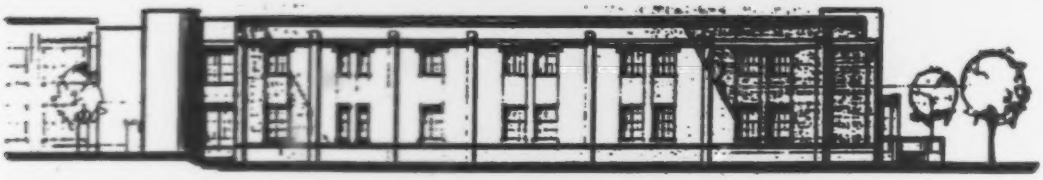
C. 367

368

FIRST FLOOR PLAN
MITCHELL MIDDLE SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



MITCHELL ELEMENTARY AND MIDDLE SCHOOL
RACINE, WISCONSIN
GENERAL INFORMATION

Owner: Racine Unified School District
Dr. M. Armstead Jr., Superintendent

Date Project Approved by S.D.:	April, 1991
Date Construction Start:	July, 1992
Date Construction Completion:	August, 1992

Costs:	Construction:	$2,123,000.00
	Site Work:	70,000.00
	Equipment:	N.A.
	TOTAL:	$2,123,000.00

Architect: Eppstein Keller Uhen, Inc.
(414)271-5350

Contractor: Riley Construction
(414)658-4348

Area:	Site:	N.A.
	Building:	New 24,905 s.f. Remodeled 3,600 s.f.

Cost per Sq. Ft.: $74.50

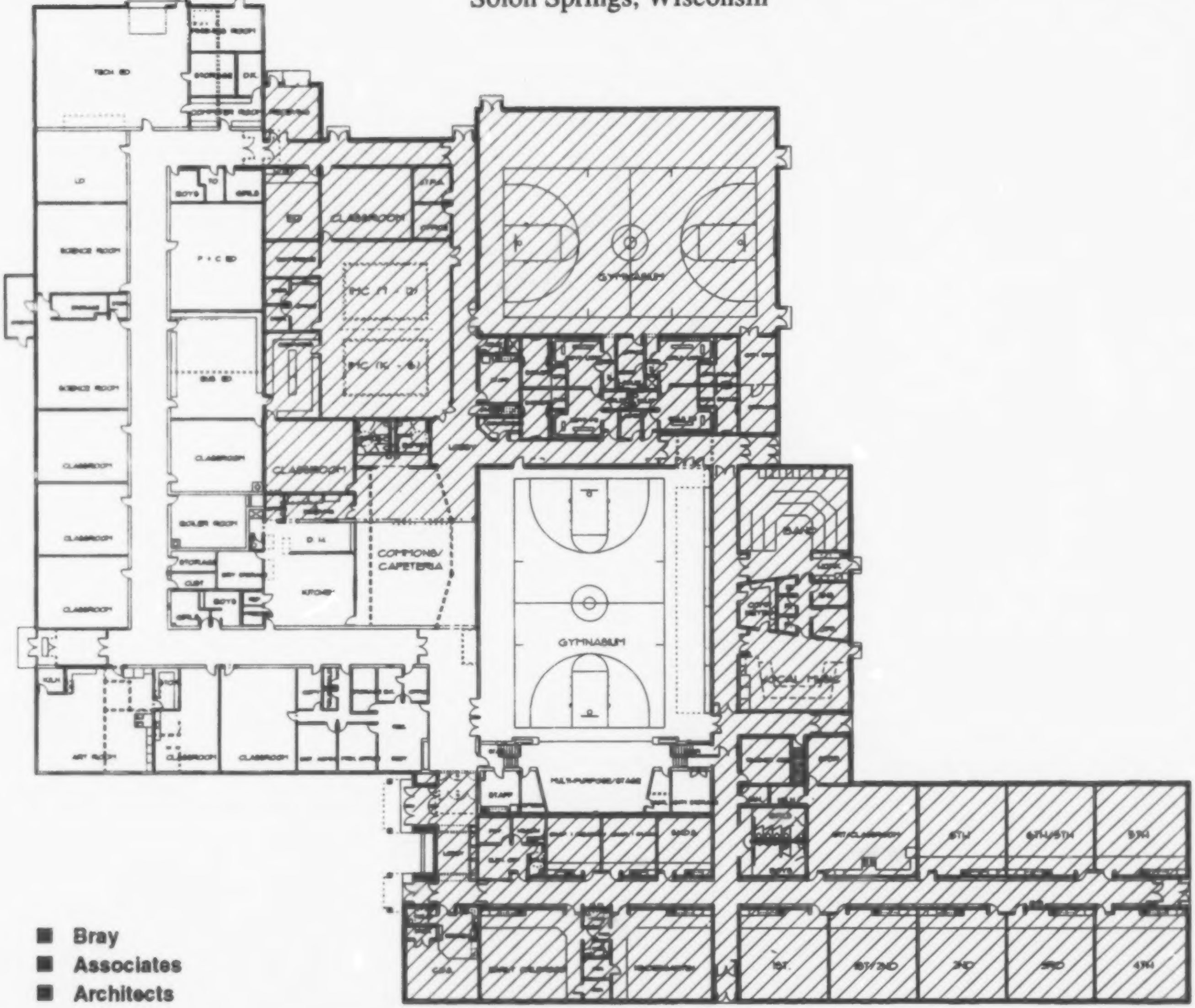
PROJECT DESCRIPTION: Classroom addition to existing combined Middle/Elementary School complex. Project completed circulation loops to alleviate building congestion, and classrooms were added to take students out of non-compliant basement areas. The building exterior was designed to compliment the original 1935 structure in color and detail.

FEATURES

Site Development:	Playground and parking area expanded.
Floors:	Slab-on-grade, precast concrete hollow core planks on second floor.
Exterior Walls:	Brick cavity wall with precast concrete accent panels and banding to match existing building.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, built-up roof system.
Floor Finishes:	Quarry tile in vestibules, vinyl tile in corridors and classrooms.
Base:	Quarry tile and vinyl.
Walls:	Painted concrete block.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units.
Electrical:	2' x 4' lay-in lighting fixture, typically.
Special Equipment:	N.A.

Solon Springs K-12 School

Solon Springs, Wisconsin


TECH ED
STORAGE
D.R.
LD
SCIENCE ROOM
P + C ED
BUS ED
CLASSROOM
BOILER ROOM
CUST
BOYS
GIRLS
D.H.
KITCHEN
COMMONS/ CAFETERIA
KILN
ART ROOM
IMC (7 - 12)
IMC (K - 6)
GYMNASIUM
LOBBY
BAND
VOCAL MUSIC
MULTI-PURPOSE/STAGE
STAFF
ART/CLASSROOM
5TH
6TH
1ST
1ST/2ND
2ND
3RD
4TH

- **Bray**
- **Associates**
- **Architects**

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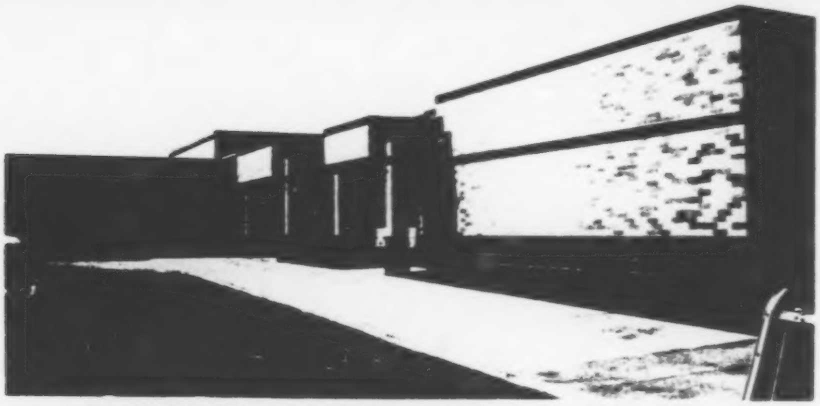


NAME OF SCHOOL: SOLON SPRINGS K-12 ADDITION

GENERAL INFORMATION

Owner: Solon Springs School District
Mr. Bruce Anderson, District Administrator

Date Project Approved by S.D: May 19, 1992
Date Construction Start: September 1992
Date Construction Completion: September 1993

Costs:		
	Construction:	$2,574,000
	Site Work:	$200,000
	Equipment:	$280,000
	TOTAL:	**$3,054,000**

Architect: Bray Associates Architects, Inc.
(414 459-4200

Contractor: Lakeland Constructors, Inc.
(715) 392-5181

Area: Site: Existing
Building: 44,000 New
37,000 Remodeled

Cost per Sq. Ft.: $56.55

PROJECT DESCRIPTION: Several projects were studied including consolidation with another district. The final decision was to expand the existing High School into a total K-12 facility.

FEATURES

Site Development:	An existing limited site was developed with exterior areas for all grade levels.
Floors:	Concrete slab on grade.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors, commons, and classrooms; ceramic tile in restrooms; and carpeting in office and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, offices, and showers; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms, parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.

No Floor Plan
Provided

NAME OF SCHOOL: SPENCER ELEMENTARY AND HIGH SCHOOLS

GENERAL INFORMATION

Owner: Spencer School District
Larry Stordahl, District Administrator

Date Project Approved by S.D:
Date Construction Start: 6/4/90
Date Construction Completion: 9/14/90

Costs:

Construction:	391,342.97
Site Work:	24,000.00
Equipment:	203,910.49
TOTAL:	619,253.46

Architect: Professional Management Services, Inc.
(715) 834-6661

Contractor: G.T. Construction of Eau Claire, Inc.

Area: Site:

Building:	Remodeling:	5,800 s.f.
	Addition:	13,000 s.f.

Cost per Sq. Ft.: N/A

PROJECT DESCRIPTION: Additions and Alterations to Elementary and High Schools

FEATURES

Site Development:

Floors: Concrete slab-on-grade.

Exterior Walls: Brick, rigid insulation, and concrete block.

Interior Walls: Concrete block.

Windows: Fixed and operable aluminum clad wood windows, double glazing and removable screens.

Roof: Steel bar joist, metal decking, rigid e.p.s. insulation, and single-ply roof membrane roof system.

Floor Finishes: Carpeting, quarry tile and terrazzo.

Base: Vinyl, quarry tile, and terrazzo.

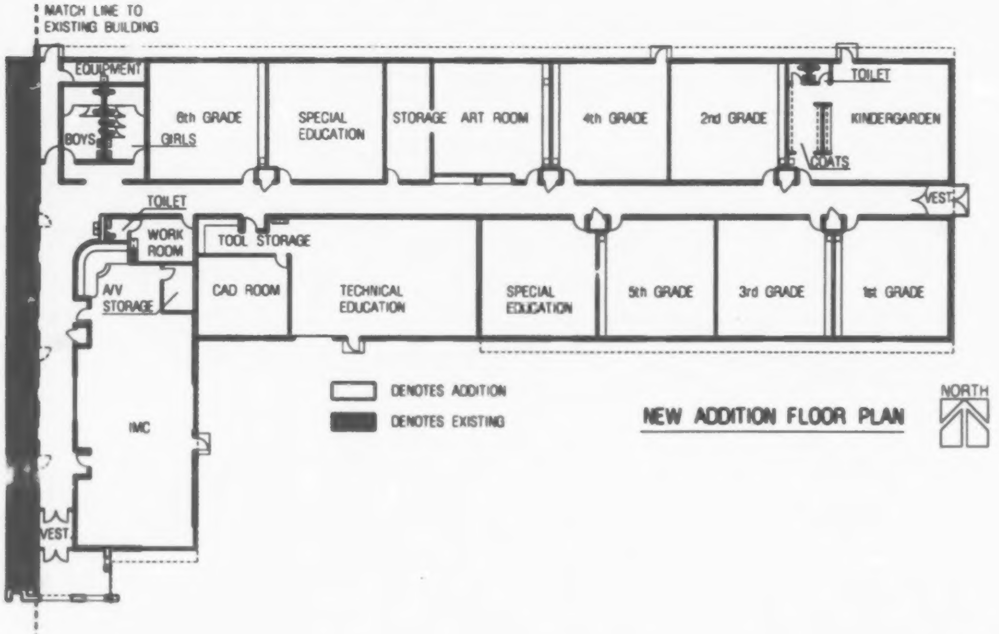
Walls: Painted concrete block, latex or epoxy, or vinyl wall covering over gypsum board.

Ceilings: 2 x 2 lay-in mineral fiber acoustical tile.

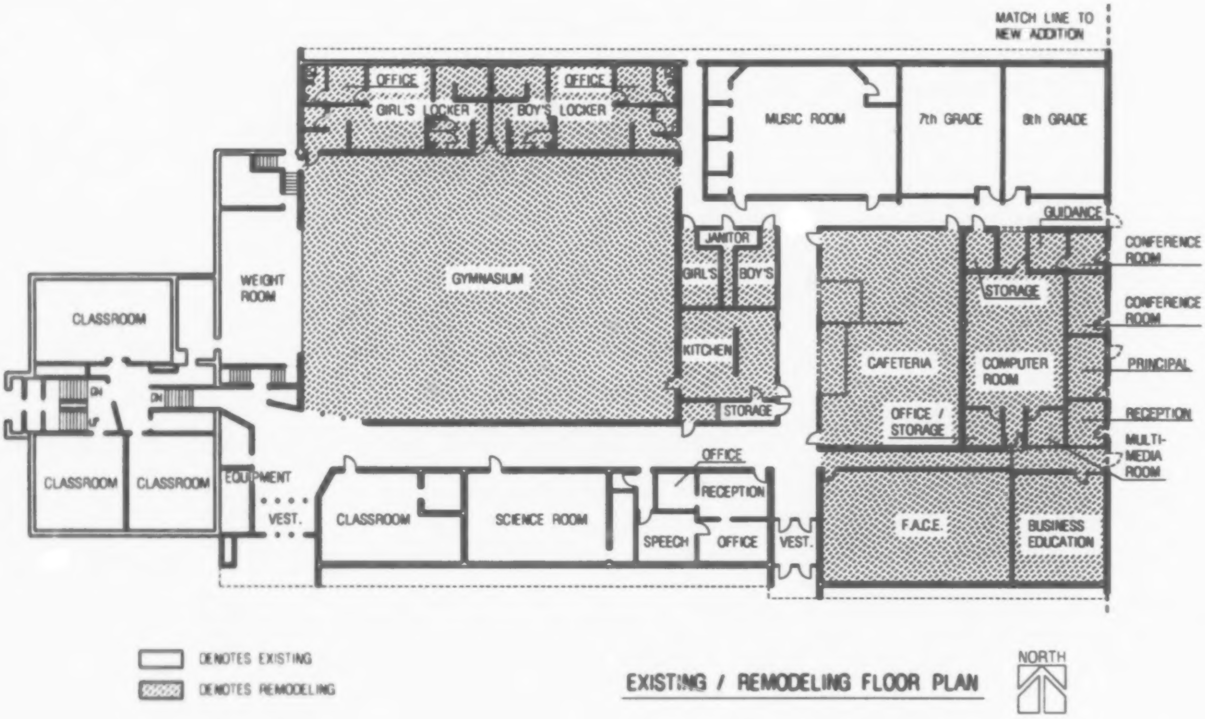
HVAC:

Electrical:

Special Equipment: Projection screens, food preparation tables, fire alarm and public address systems.


MATCH LINE TO EXISTING BUILDING
EQUIPMENT
BOYS
GIRLS
6th GRADE
SPECIAL EDUCATION
STORAGE
ART ROOM
4th GRADE
2nd GRADE
TOILET
KINDERGARDEN
COATS
VEST.
TOILET
WORK ROOM
TOOL STORAGE
A/V STORAGE
CAD ROOM
TECHNICAL EDUCATION
SPECIAL EDUCATION
5th GRADE
3rd GRADE
1st GRADE
IMC
VEST.
DENOTES ADDITION
DENOTES EXISTING
NORTH

NEW ADDITION FLOOR PLAN


MATCH LINE TO NEW ADDITION
OFFICE
OFFICE
GIRL'S LOCKER
BOY'S LOCKER
MUSIC ROOM
7th GRADE
8th GRADE
GUIDANCE
CONFERENCE ROOM
CONFERENCE ROOM
PRINCIPAL
RECEPTION
MULTI-MEDIA ROOM
WEIGHT ROOM
GYMNASIUM
JANITOR
GIRL'S
BOY'S
KITCHEN
STORAGE
CAFETERIA
STORAGE
COMPUTER ROOM
OFFICE / STORAGE
CLASSROOM
DN
DN
UP
CLASSROOM
CLASSROOM
EQUIPMENT
VEST.
CLASSROOM
SCIENCE ROOM
OFFICE
RECEPTION
SPEECH
OFFICE
VEST.
F.A.C.E.
BUSINESS EDUCATION
DENOTES EXISTING
DENOTES REMODELING
NORTH

EXISTING / REMODELING FLOOR PLAN

STOCKBRIDGE PUBLIC SCHOOL

STOCKBRIDGE, WISCONSIN

HOFFMAN CORPORATION
2019 VALLEY FAIR MALL
APPLETON, WI 54915
PHONE (414) 731-2322
FAX (414) 731-4236

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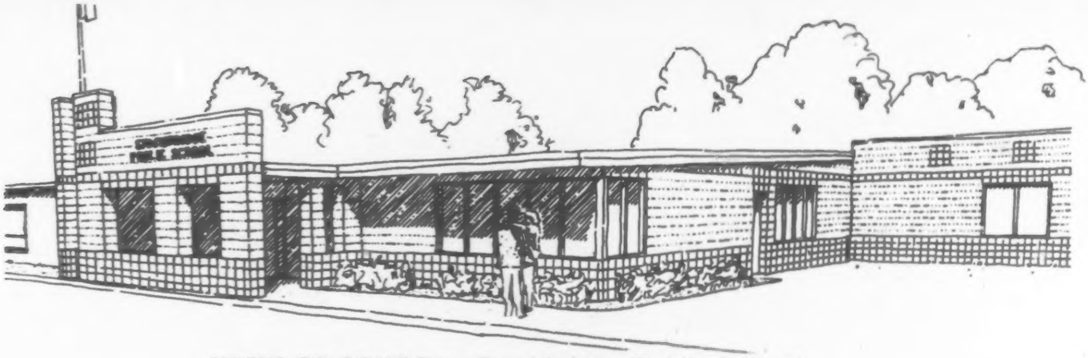


NAME OF SCHOOL: Stockbridge Public School

GENERAL INFORMATION

Owner: Stockbridge School District
Terry Wiseman, District Administrator

Architect: Hoffman Corporation
(414) 731-2322

Date Project Approved by S.D: August, 1992
Date Construction Start: October 9, 1992
Date Construction Completion: February 8, 1993

Construction Manager:
Hoffman Corporation
(414) 731-2322

Costs:	**Construction:**	$997,000.00
	Site Work:	174,000.00
	Equipment:	93,000.00
	TOTAL:	**$1,264,000.00**

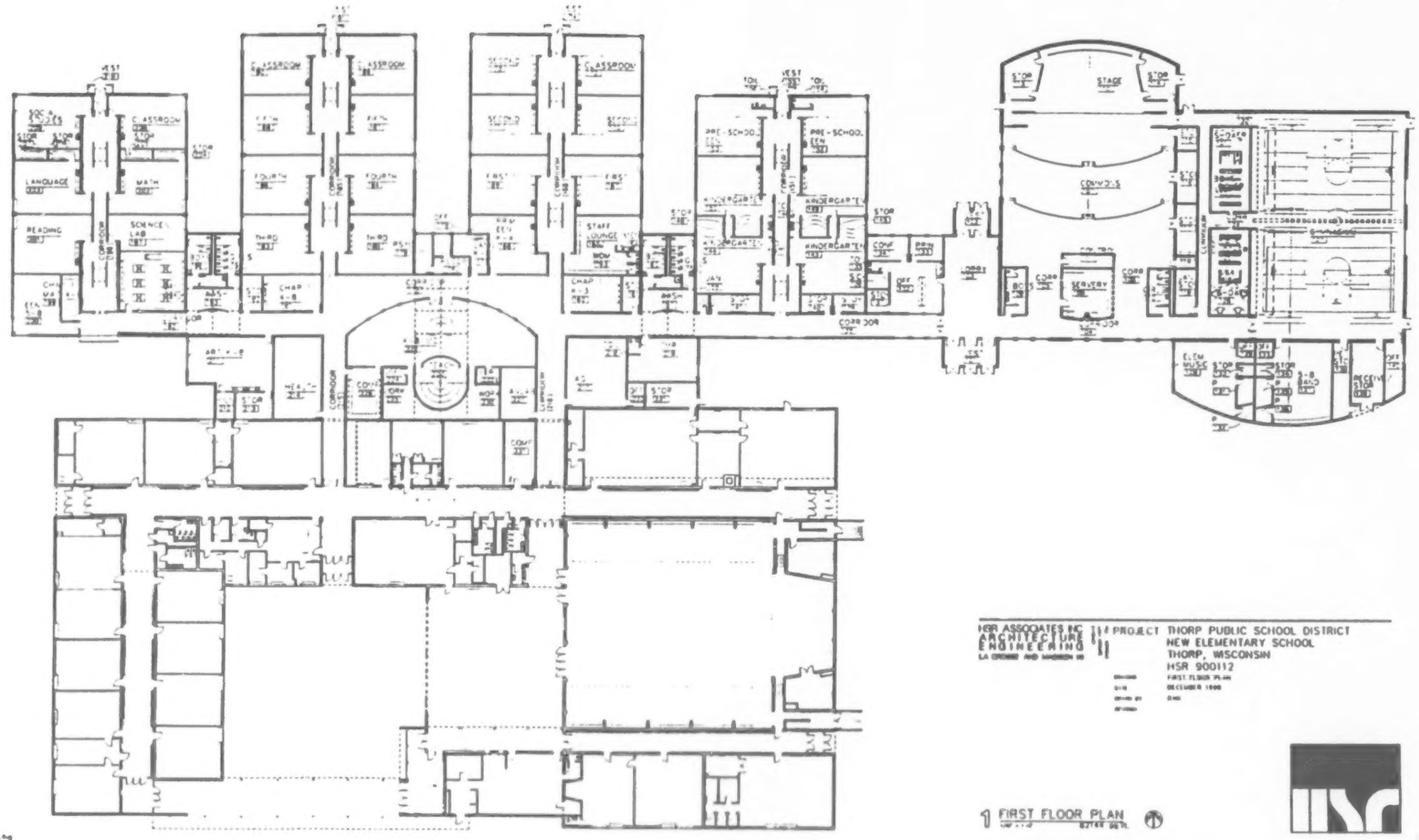
Area:	Site:	10 Acres
	Building:	28,420 sq. ft.

Cost per Sq. Ft.: $44.47

PROJECT DESCRIPTION: An 18,700 sq. ft. addition consisting of Kindergarten through 6th grade, Special Education, Art, Technical Education classrooms, an IMC, and new entrances to the existing building. Project also included a total of 9,720 sq. ft. remodeling in Gym Locker Rooms. Kitchen, Cafeteria, Computer Rooms and Administration Offices.

FEATURES

Site Development:	Develop new baseball and soccer field with playground equipment area in additional purchased 10 acre land, provide 25 stall off-street parking with bus drop off area.
Floors:	Concrete slab on grade.
Exterior Walls:	Split faced/smooth faced block combination with rigid insulation.
Interior Walls:	Stack bond concrete block corridor walls and gypsum board finishes on others.
Windows:	Sliding/or fixed aluminum windows with double glazed Low E glass.
Roof:	Sloped steel bar joists and metal deck with R-20 minimum rigid insulation and fully adhered EPDM membrane.
Floor Finishes:	Walk off tile in vestibule, ceramic tile in restrooms, wood gymnasium floor, vinyl composition tile and carpet in remainder of spaces.
Base:	Ceramic tile and vinyl.
Walls:	Painted finish on concrete blocks and gypsum board throughout.
Ceilings:	2 x 4 lay in acoustical ceiling tile and vinyl faced gypsum board ceiling tile.
HVAC:	Gas fired sealed combustion forced air system. Air conditioning in IMC, computer rooms.
Electrical:	2 x 4 lay-in troffer lighting throughout, pendant lighting in Tech-Ed.; telephone and TV outlet, clock; public address system.
Special Equipment:	Computer/Accounting room, kitchen equipment, public address system, clock system, fire alarm system, locker room equipment, ADA compliant automatic entrance doors.


CLASSROOM
SOCIAL STUDIES
STOR
LANGUAGE
MATH
READING
SCIENCE LAB
FIFTH
FOURTH
THIRD
CHAPT 4-6
CORRIDOR
SECOND
FIRST
STAFF LOUNGE
CHAPT K-3
PRE-SCHOOL
KINDERGARTEN
JAN
CONF
LOBBY
STAGE
COMMONS
SERVERY
CORR
ART
HEALTH
ELEM MUSIC
RECEIVING STOR

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

PROJECT THORP PUBLIC SCHOOL DISTRICT
NEW ELEMENTARY SCHOOL
THORP, WISCONSIN
HSR 900112

FIRST FLOOR PLAN
DECEMBER 1990

1 FIRST FLOOR PLAN

PRE-K-8 ELEMENTARY SCHOOL, THORP, WISCONSIN

GENERAL INFORMATION

Owner: Thorp School District
Terry Olson, (former) District Administrator

Architect: HSR Associates, Inc.
(608) 784-1830

Date Project Approved by S.D.: February 1991
Date Construction Start: May 1991
Date Construction Completion: February 1992

Contractor: The Wergin Company
Wausau, Wisconsin

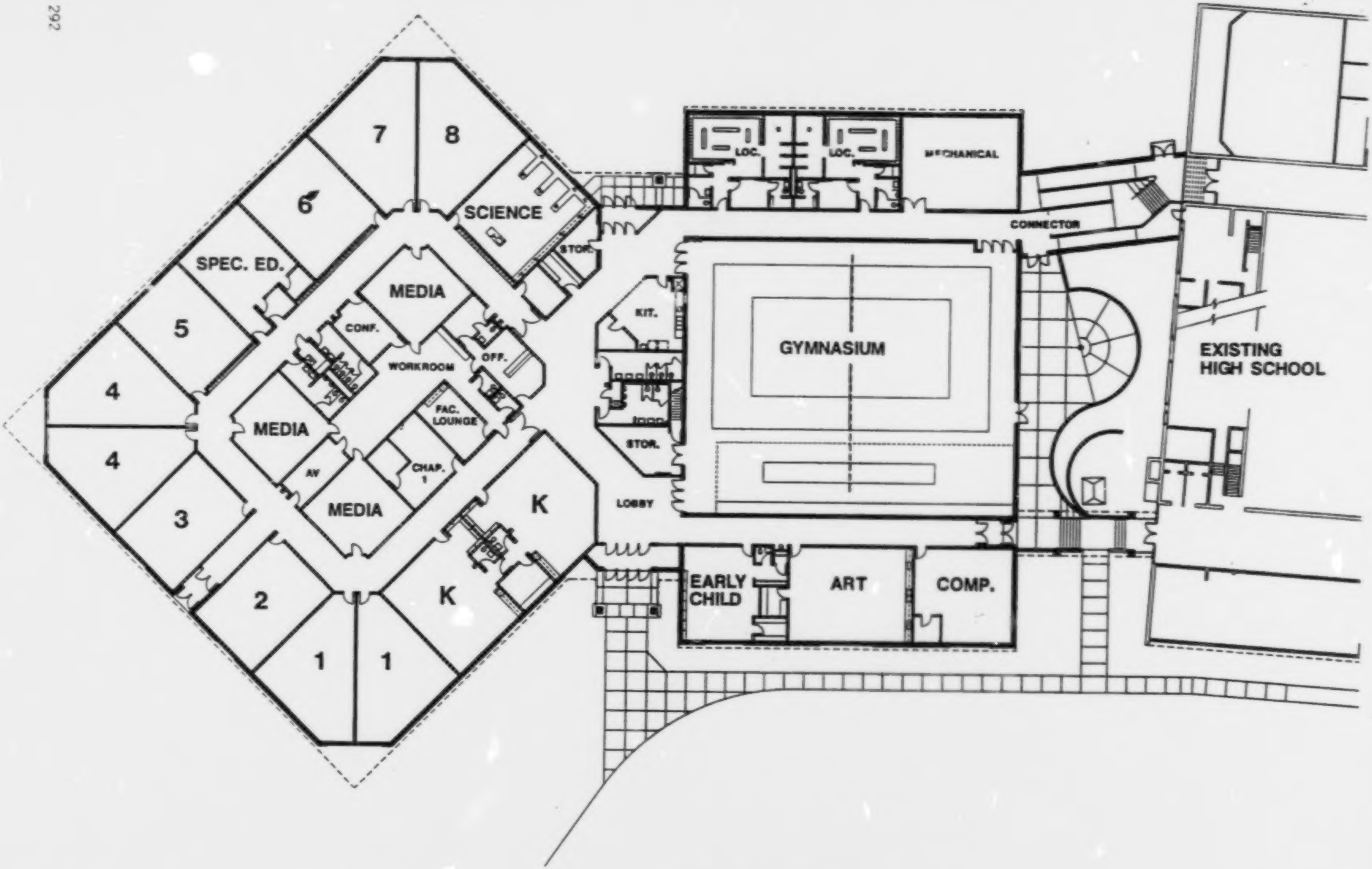
Costs:	**Construction:**	$4,043,601
	Site Work:	$ 130,000
	Equipment:	$ 220,000
	TOTAL:	$4,043,601

Area:	**Site:**	Existing
	Building:	82,000 SF
Cost per Sq. Ft.:		$49.31

PROJECT DESCRIPTION: Development of 4 "School-house" for grade level separation with classrooms (28) accommodating 500 students for grades PreK-8. The building is linked with the existing high school to create a PreK-12 complex. The project was developed under the UDC (Unified Design & Construct concept with Wergin as the general contractor.)

FEATURES

Site Development:	Bus lane and drop off; parking and entry drive on existing high school site.
Floors:	Concrete slab on grade.
Exterior Walls:	Face brick and split face concrete block cavity wall with insulation.
Interior Walls:	Concrete block in corridors and activity spaces - gypboard/tackable surface in classrooms.
Windows:	Fixed and operable anodized aluminum.
Roof:	Single ply membrane - "EPDM".
Floor Finishes:	Vinyl asbestos tile; terrazzo in halls; carpet.
Base:	Quarry tile, ceramic tile and vinyl
Walls:	Painted concrete block walls in corridor and activity spaces with vinyl covered tackable surfaces in classrooms.
Ceilings:	2 x 2 acoustical tile.
HVAC:	Unit ventilators, hot water piping.
Electrical:	Fluorescent lighting, fire alarming, smoke detectors, master clock, AV, computer circuitry, PA system.
Special Equipment:	Science lab; 12' casework in each classroom, serving kitchen in cafetorium.


7
8
6
SCIENCE
STOR.
SPEC. ED.
MEDIA
5
CONF.
OFF.
WORKROOM
4
MEDIA
FAC. LOUNGE
4
AV
CHAP. 1
3
MEDIA
K
2
K
1
1
LOC.
LOC.
MECHANICAL
CONNECTOR
KIT.
GYMNASIUM
STOR.
LOBBY
EARLY CHILD
ART
COMP.
EXISTING HIGH SCHOOL

WESTON SCHOOL
CAZENOVIA, WISCONSIN

Potter Lawson
ARCHITECTS

North

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WESTON SCHOOL ADDITION

GENERAL INFORMATION

Owner: Weston School District
Harold Justman, District Administrator

Date Project Approved by S.D:	July 1990
Date Construction Start:	March 1991
Date Construction Completion:	April 1992

Costs:	**Construction:**	$2,254,370
	Site Work:	
	Equipment:	
	TOTAL:	$2,254,370

Architect: Potter Lawson
(608) 274-2741

In association with
Blakeslee & Associates
(608) 524-3488

Contractor: Miron Construction
Appleton, Wisconsin
(414) 749-3060

Area: Site:
Building: 46,000 SF

Cost per Sq. Ft.: $49.00

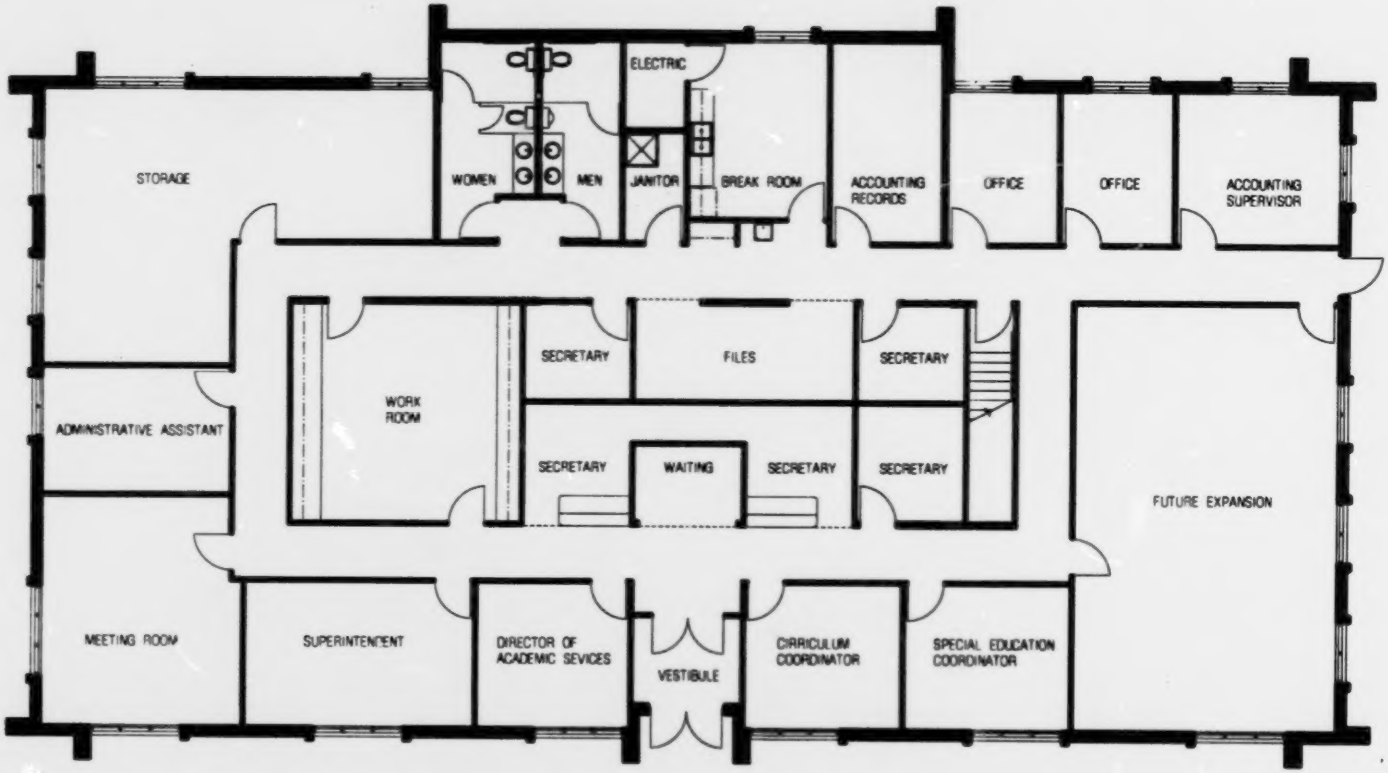
PROJECT DESCRIPTION: In July 1989 a tornado virtually destroyed one of the buildings in the Weston School District. Potter Lawson worked in cooperation with Blakeslee & Associates, a local firm, to design a 46,000 square foot addition to the existing high school, replacing the facility destroyed and converting the high school into a K-12 facility. The two buildings are connected by an enclosed heated walkway and by a covered unheated walkway. The plan for the addition is unique in that, at the District's request, each grade has classrooms clustered around individual media centers or "mini libraries."

FEATURES

Site Development:	Demolition of existing buildings, removal of trees and shrubs. Removal of surface debris. Added 60 parking stalls, playground areas, courtyard reading area, and septic system.
Floors:	Concrete slab on grade.
Exterior Walls:	Concrete masonry cavity wall. 8" CMU + 2 1/2' rigid insulation + 4" face brick/4" split faced CMU.
Interior Walls:.	CMU and gypsum wallboard on metal studs.
Windows:	Metal clad wood windows with operable vents.
Roof:	Steel frame with single ply membrane.
Floor Finishes:	Wood strip flooring in gym, vinyl composition tile in corridors, carpet in classrooms and offices, ceramic tile in rest rooms.
Base:	Ceramic tile, vinyl.
Walls:	Painted CMU.
Ceilings:	Lay-in tiles (2 x 2 and 2 x 4) in classrooms and public areas. Exposed structure in gym.
HVAC:	Forced air, LP gas fired. Modular boilers with central air handler and re-heat coils at each room.
Electrical:	2 x 4 lay-in parabolic fixtures in classrooms, HID lighting in gym.
Special Equipment:	Food service equipment; backstops and backboards; gym dividers; telescoping bleachers; voice communication and sound system; master clock system; fire alarm system.

9. Miscellaneous

Administration Building - River Falls
Auditorium - Amery
Early Childhood Facilities - Marshall and Milwaukee
Fieldhouse - Madison
Residential School - Wisconsin School for the Deaf, Delavan
Swimming Pool - Middleton-Cross Plains


ELECTRIC
STORAGE
WOMEN
MEN
JANITOR
BREAK ROOM
ACCOUNTING RECORDS
OFFICE
OFFICE
ACCOUNTING SUPERVISOR
SECRETARY
FILES
SECRETARY
WORK ROOM
ADMINISTRATIVE ASSISTANT
SECRETARY
WAITING
SECRETARY
SECRETARY
FUTURE EXPANSION
MEETING ROOM
SUPERINTENDENT
DIRECTOR OF ACADEMIC SEVICES
VESTIBULE
CIRRICULUM COORDINATOR
SPECIAL EDUCATION COORDINATOR

FLOOR PLAN

NEW ADMINISTRATION BUILDING FOR:

SCHOOL DISTRICT OF RIVER FALLS

RIVER FALLS, WISCONSIN

HOFFMAN CORPORATION
SINCE 1892

HOFFMAN CORPORATION
2019 VALLEY FAIR MALL
APPLETON, WI 54915
PHONE (414) 731-2322
FAX (414) 731-4236

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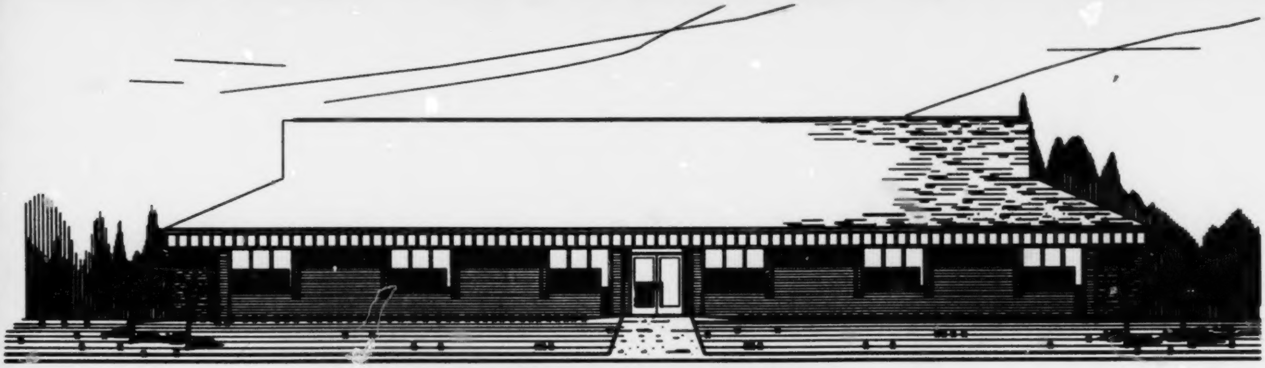


NAME OF SCHOOL: Central Administration School District of River Falls

GENERAL INFORMATION

Owner: School District of River Falls
Dr. Dennis Kraft, District Administrator

Architect: Hoffman Corporation
(414)731-2322

Date Project Approved by S.D: February 25, 1993
Date Construction Start: April 13, 1993
Date Construction Completion: July 30, 1993

Construction Manager:
Hoffman Corporation
(414)731-2322

Area: Site: 12,570 sq. ft.
Building: 6,820 sq. ft.

Costs:	
Construction:	$348,000.00
Site Work:	58,500.00
Equipment:	17,900.00
TOTAL:	**$424,400.00**

Cost per Sq. Ft.: $62.23

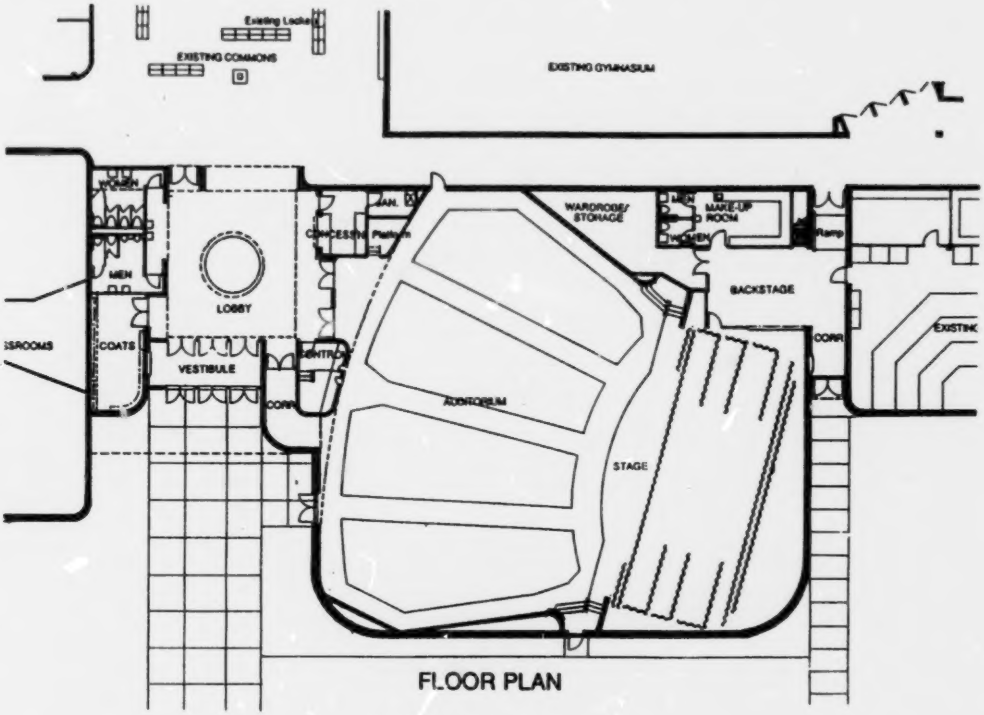
PROJECT DESCRIPTION: New office building for School District of River Falls Administration Services.

FEATURES

Site Development:	Use of under utilized land owned by the District.
Floors:	Concrete slab on grade.
Exterior Walls:	Wood stud bearing walls with brick veneer to match adjacent elementary school building.
Interior Walls:	Steel stud partitions with painted gypsum board.
Windows:	Aluminum clad wood casement windows.
Roof:	Asphalt shingles
Floor Finishes:	Quarry tile at vestibule, carpet and vinyl composition tile remainder of building.
Base:	Wood base at carpet areas and vinyl at vinyl composition tile areas.
Walls:	Vinyl wall covering in toilet rooms, corridors, and waiting areas. Remainder painted.
Ceilings:	2 x 2 and 2 x 4 acoustical lay-in.
HVAC:	(3) Gas fired sealed combustion furnaces with air conditioning and humidification.
Electrical:	2 x 4 lay-in troffer lighting throughout building with electronic ballast lighting in storage areas.
Special Equipment:	ADA compliant automatic entrance doors.

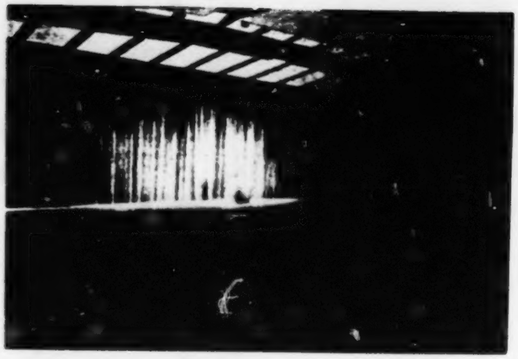
Amery High School Auditorium

Amery, Wisconsin


Existing Locke
EXISTING COMMONS
EXISTING GYMNASIUM
WOMEN
MEN
LOBBY
SSROOMS
COATS
VESTIBULE
CONCESSION
Platform
JAN.
CONTROL
CORR
AUDITORIUM
WARDROBE/
STORAGE
MEN
MAKE-UP
ROOM
WOMEN
Ramp
BACKSTAGE
CORR
EXISTIN
STAGE

FLOOR PLAN

- **Bray**
- **Associates**
- **Architects**



NAME OF SCHOOL: AMERY HIGH SCHOOL AUDITORIUM

GENERAL INFORMATION

Owner: Amery School District
Mr. Ray Norsted, District Administrator

Date Project Approved by S.D:	Winter 1991
Date Construction Start:	Summer 1991
Date Construction Completion:	August 1992

Costs:	**Construction:**	$723,413
	Site Work:	$100,000
	Equipment:	$225,000
	TOTAL:	$1,048,413

Architect: Bray Associates Architects, Inc.
(414) 459-4200S

Contractor: Gene Johnson Construction Co.
(715) 327-8031

Area: Site: Existing
Building: 14,000 SF

Cost per Sq. Ft.: $74.87

PROJECT DESCRIPTION: The auditorium was added to a 1976 high school. The school community theater will house an audience of 650 persons and included a new entrance to the existing school.

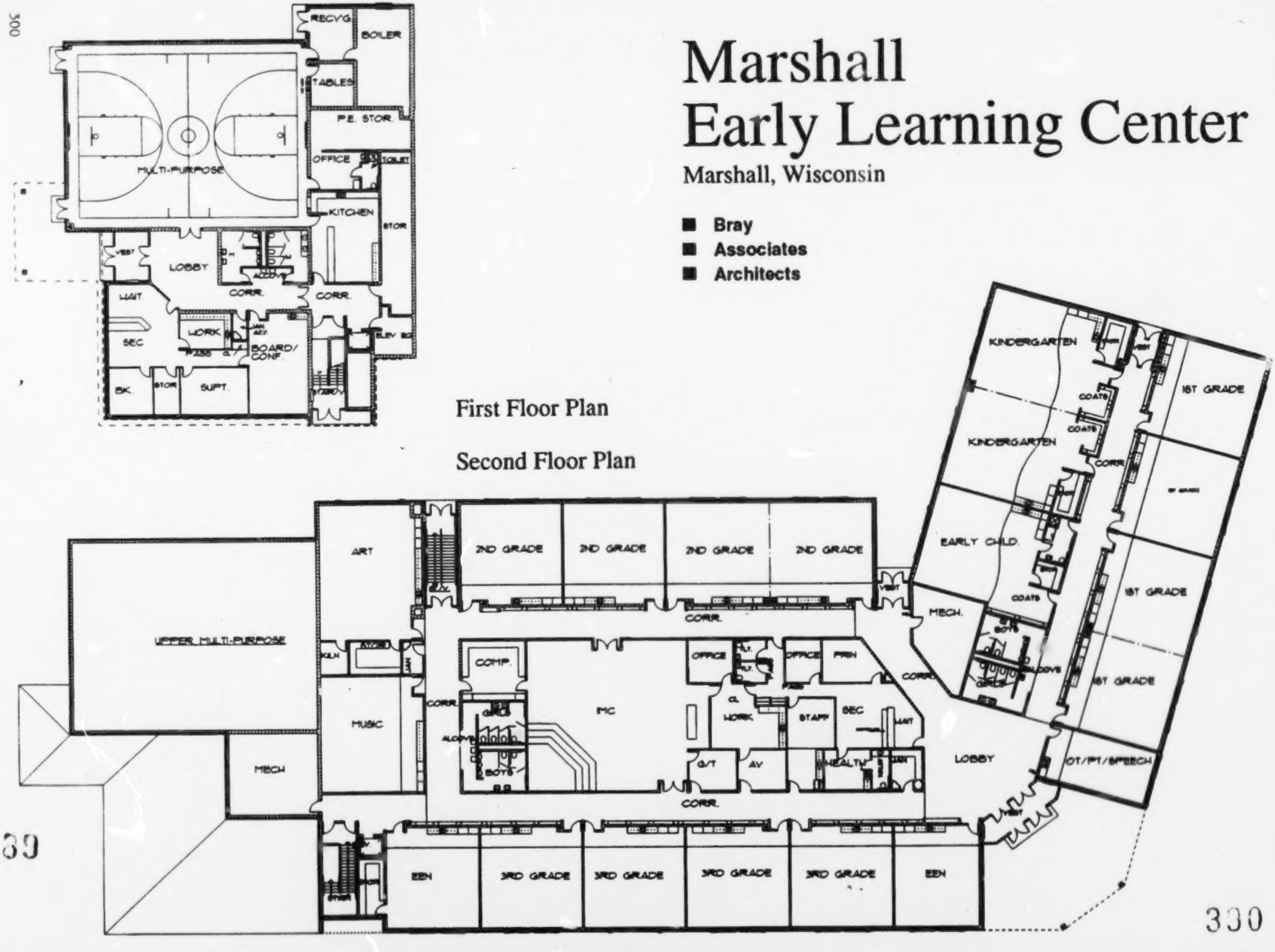
FEATURES

Site Development:	Developed a new entrance area to the high school.
Floors:	Concrete slab on grade.
Exterior Walls:	8" x 8" brick to match the existing high school.
Interior Walls:.	Painted and decorative black.
Windows:	None.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single-ply, 40 mil, membrane.
Floor Finishes:	Carpeted auditorium with wood stage.
Base:	Ceramic tile and vinyl.
Walls:	Sound Soak plus block.
Ceilings:	Acoustic plus drywall sound reflective clouds in the auditorium.
HVAC:	Separate air handling unit for addition with air conditioning.
Electrical:	Decorative lobby and auditorium lighting.
Special Equipment:	Complete theatrical sound and lighting equipment operated from the rear central room.

Marshall Early Learning Center

Marshall, Wisconsin

- **Bray**
- **Associates**
- **Architects**


RECV'G
BOILER
TABLES
P.E. STOR.
OFFICE
TOILET
KITCHEN
STOR
MULTI-PURPOSE
VEST
LOBBY
ALCOVE
CORR.
CORR.
WAIT
SEC
WORK
PASS
BOARD/ CONF.
ELEV EQ
BK.
STOR
SUPT.
STOR
KINDERGARTEN
KINDERGARTEN
EARLY CHILD.
COATS
COATS
COATS
CORR.
1ST GRADE
1ST GRADE
1ST GRADE
1ST GRADE
BOYS
GIRLS
ALCOVE
OT/PT/SPEECH
ART
2ND GRADE
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2ND GRADE
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MECH.
CORR.
UPPER MULTI-PURPOSE
KILN
STOR
COMP.
IMC
OFFICE
OFFICE
PRIN
CORR.
CORR.
MUSIC
GIRLS
ALCOVE
BOYS
CL
WORK
STAFF
SEC
WAIT
LOBBY
MECH
G/T
AV
HEALTH
CORR.
VEST
EEN
3RD GRADE
3RD GRADE
3RD GRADE
3RD GRADE
EEN

First Floor Plan

Second Floor Plan

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NAME OF SCHOOL: MARSHALL EARLY LEARNING CENTER

GENERAL INFORMATION

Owner: Marshall School District
Dr. John Benson, District Administrator

Date Project Approved by S.D: January 1992

Date Construction Start: Spring 1992
Date Construction Completion: January, 1993

Costs:		
	Construction:	$2,198,000
	Site Work:	$125,000
	Equipment:	$225,000
	TOTAL:	$2,548,000

Architect: Bray Associates Architects, Inc.
(414) 459-4200

Contractor: J.H. Findorff and Sons, Inc.
(608) 257-5321

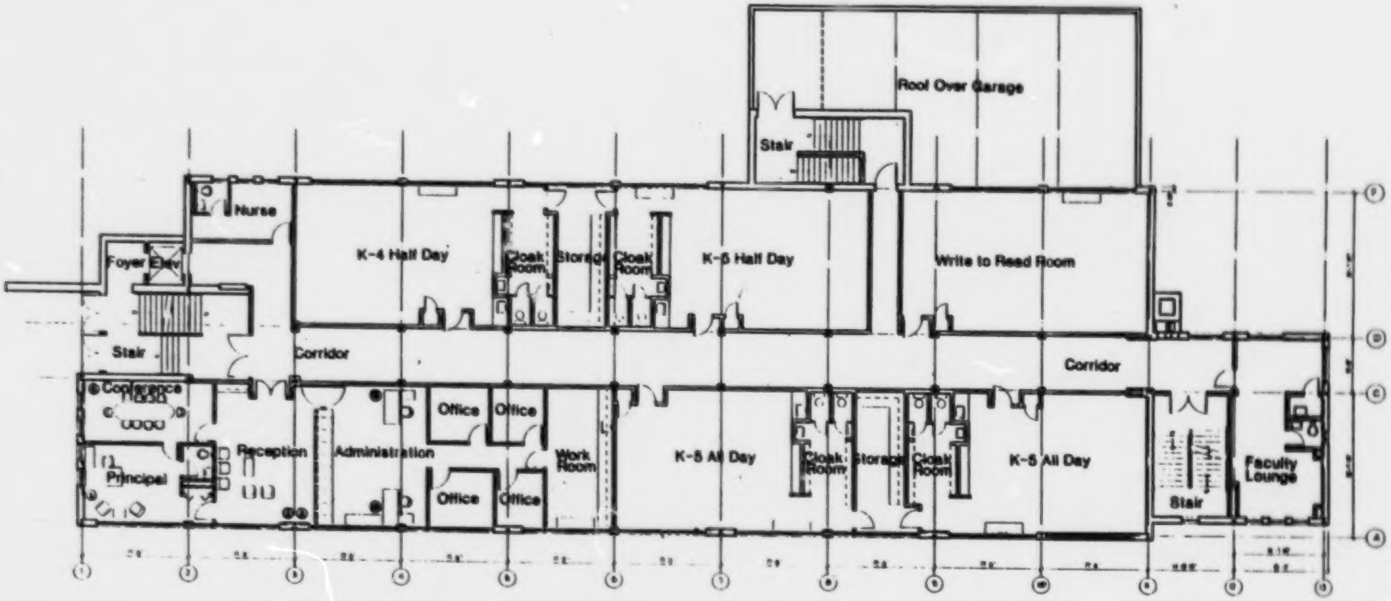
Area: Site: Exist. High School +/- 7 acres
Building: 49,000 SF

Cost per Sq. Ft.: $52

PROJECT DESCRIPTION: This facility includes four 5-year-old all day kindergartens, two 1/2 day 4-year-old kindergartens, and an Early Childhood room in one wing. The other wing houses seven large classrooms for grades 1 & 2, Headstart, and Chapter One. Central IMC, music, and art areas complete the upper level with the physical education, cafeteria, and the district administration offices at the lower level.

FEATURES

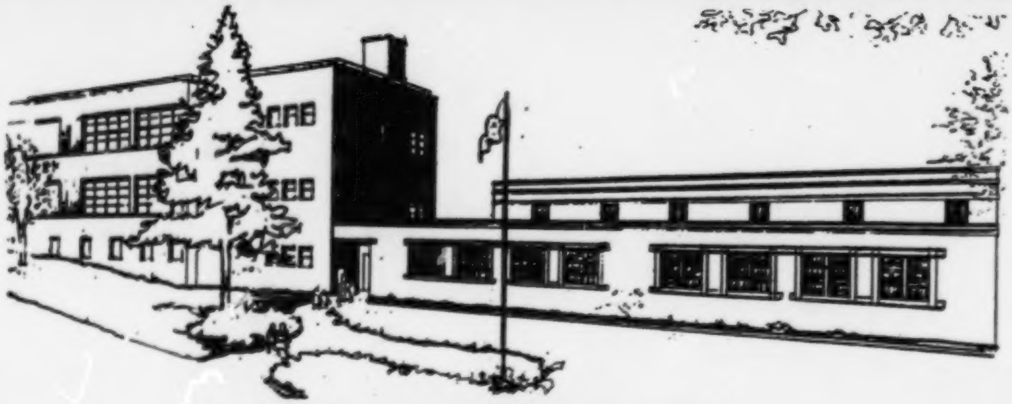
Site Development:	Expanded on the High School site.
Floors:	Concrete slab on grade. Precast deck with topping.
Exterior Walls:	Utility face brick, 2" rigid insulation, and concrete block with bead insulation. Exterior insulation system on 2" rigid insulation.
Interior Walls:.	Concrete block corridor walls and classroom walls. Folding walls between many classrooms.
Windows:	Fixed and operable metal clad wood windows, double glazed with slim shades, awning type.
Roof:	Sloped steel bar joists and metal deck with five inches of rigid insulation with ballasted single ply, 40 mil, membrane.
Floor Finishes:	Resilient flooring in corridors and commons; ceramic tile in restrooms; and carpeting in office, classrooms, and IMC area.
Base:	Ceramic tile and vinyl.
Walls:	Painted concrete block in corridors, classrooms, and offices; tackable material throughout classrooms and corridors.
Ceilings:	2 x 4 lay-in mineral fiber acoustical tile.
HVAC:	Gas-fired hot water boilers with air handling units distributed in various areas. Air conditioning in IMC, offices,, and interior areas.
Electrical:	2 x 4 lay-in lighting in classrooms. Parabolic in IMC and offices. Site lighting.
Special Equipment:	Network computer system, Telecommunications, Distance Learning, Cable TV throughout.


Roof Over Garage
Stair
Nurse
Foyer
Elev
Stair
K-4 Half Day
Cloak Room
Storage
Cloak Room
K-5 Half Day
Write to Read Room
Corridor
Corridor
Conference
Reception
Administration
Office
Office
Office
Office
Work Room
Principal
K-5 All Day
Cloak Room
Storage
Cloak Room
K-5 All Day
Stair
Faculty Lounge

FIRST FLOOR PLAN
THURSTON WOODS ELEMENTARY SCHOOL

NORTH

EPPSTEIN·KELLER·UHEN
ARCHITECTS



THURSTON WOODS ELEMENTARY SCHOOL
MILWAUKEE, WISCONSIN
GENERAL INFORMATION

Owner:	Milwaukee Public Schools Dr. Howard Fuller, Superintendent
Date Project Approved by S.D.:	December, 1990
Date Construction Start:	May, 1991 (Phase 1)
Date Construction Completion:	August, 1992 (Phase 2)

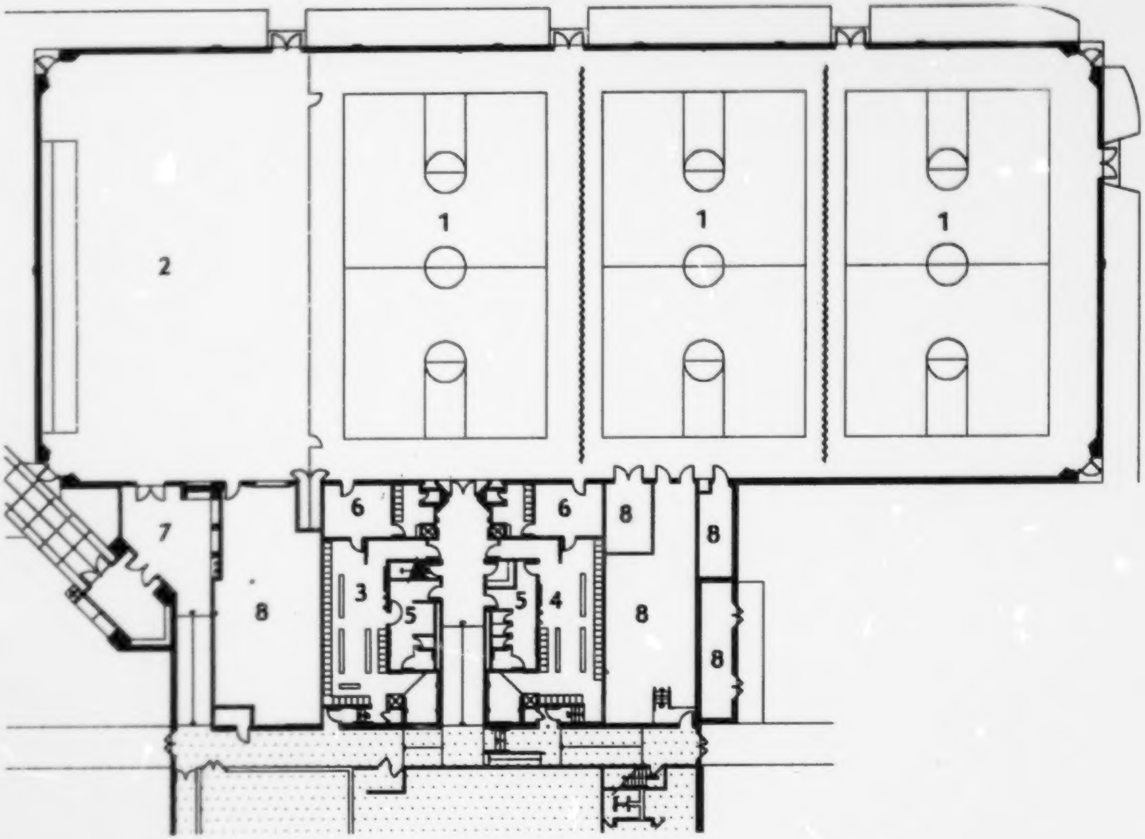
Costs:	Construction:	$1,407,000.00
	Site Work:	64,000.00
	Equipment:	230,000.00
	TOTAL:	$1,701,000.00

Architect:		Eppstein Keller Uhen, Inc. (414)271-5350
Contractor:		Voss Jorgensen Schueler (414)542-9000
Area:	Site:	10 Acres
	Building:	36,000 s.f.
Cost per Sq. Ft.:		$47.25

PROJECT DESCRIPTION: Renovation and addition of church/school previously owned by a Catholic church for an Early Childhood School. Addition includes a gym, art room, and music room.

FEATURES

Site Development:	Topping and re-striping the parking and play surface, site restoration.
Floors:	Concrete slab-on-grade.
Exterior Walls:	Brick cavity wall with 2" rigid insulation.
Interior Walls:	Concrete block corridor and classroom walls.
Windows:	Heavy commercial, dual-glazed low E glass, fixed and hopper aluminum windows.
Roof:	Sloped steel bar joists and metal deck, rigid insulation, ballasted single-ply roof system.
Floor Finishes:	Quarry tile in vestibules, ceramic tile in toilet rooms, vinyl tile in corridors and classrooms, carpet in offices and library.
Base:	Quarry and ceramic tile and vinyl.
Walls:	Painted concrete block and drywall.
Ceilings:	2' x 2' and 2' x 4' lay-in mineral fiber acoustical tile and painted drywall.
HVAC:	Gas fired boilers serving perimeter baseboard heating and air handling units, A.C. in addition.
Electrical:	2' x 4' lay-in lighting fixtures, typically.


1
1
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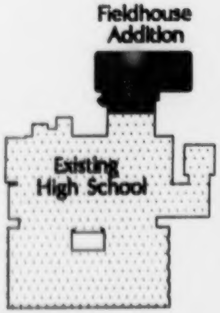
8

Index:

1. Activity Station
2. Gymnastics
3. Boy's Lockers / Showers
4. Girl's Lockers / Showers
5. Restroom
6. Coaches Area
7. Lobby
8. Storage


Fieldhouse Addition
Existing High School

Overall Plan

Memorial High School Fieldhouse Addition

Madison, Wisconsin

Memorial High School Fieldhouse Addition

Owner: Madison Metropolitan School District
Cheryl Wilhoyte, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: January 1991
Date Construction Start: August 1991
Date Construction Completion: September 1992

Contractor: Miron Construction

Construction Cost: $2,201,500

Area: **Site:** Existing
Building: 40,000 sq. ft.

Cost/Sq. Ft.: $55.00

Project Description: This major addition has four activity stations including a securable gymnastics area. The fieldhouse is also equipped to handle basketball, volleyball, badminton, baseball, track and field, and project adventure (a personal development course). Specialized equipment lifts to the ceiling or is built into the floor. Locker rooms and generous storage areas were provided for team sports. A separate entry and lobby establishes a strong identity for the facility.

Features

Site Development: Two practice fields to the north, bicycle parking, sidewalks and landscaping.

Floors: Concrete slab on grade, precast concrete plank supported floor.

Exterior Walls: Face brick, rigid insulation, concrete block back-up.

Interior Walls: Concrete block

Windows Insulated translucent panels in the fieldhouse, insulated glass in aluminum frames in the lobby.

Roof: Modified bituminuous.

Floor Finishes: Maple gym flooring, slip resistant sheet vinyl in the locker rooms, resilient terrazzo tile in the corridors, ceramic tile in showers and restrooms.

Base: Vented vinyl base in the fieldhouse, sheet vinyl and ceramic.

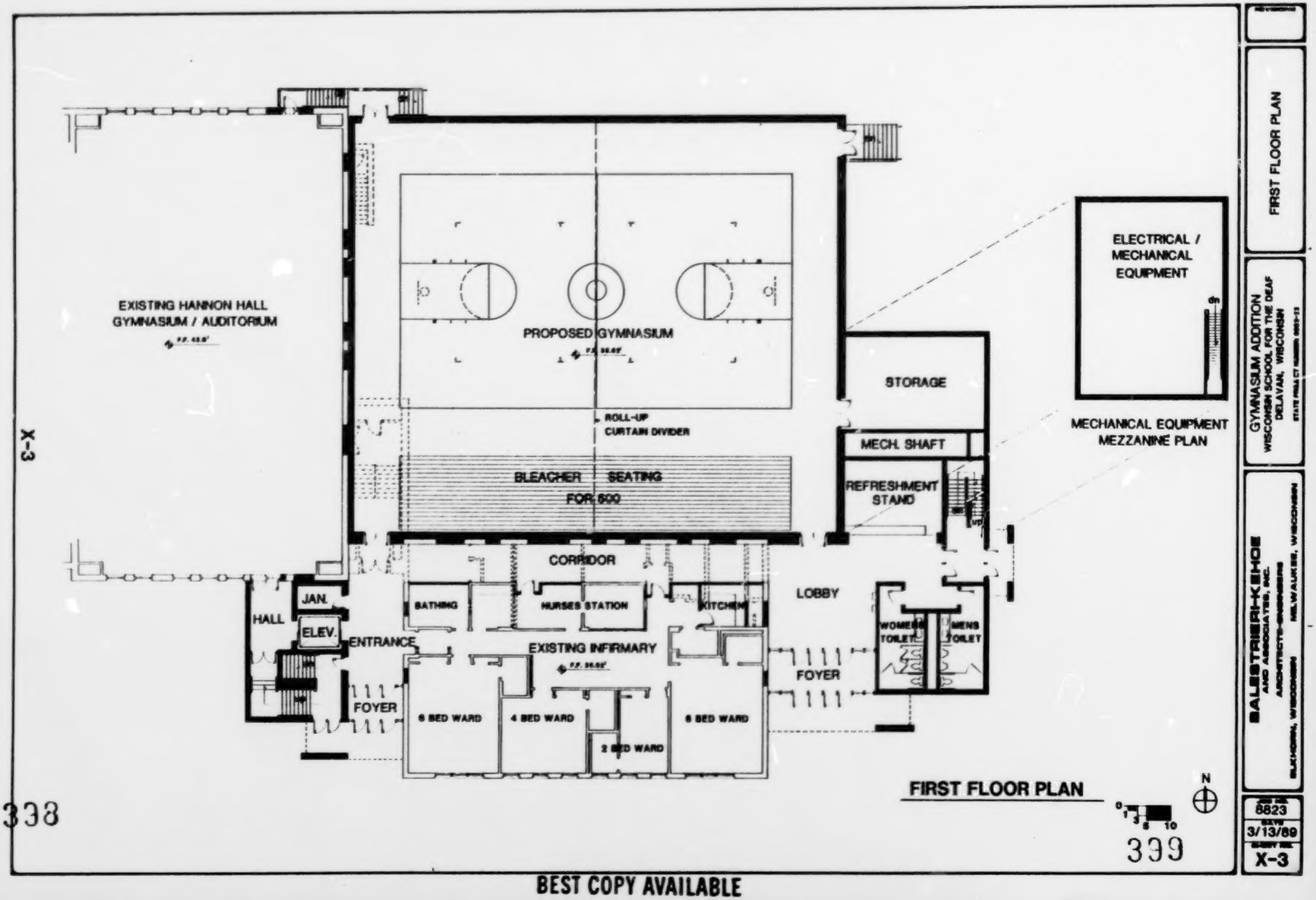
Walls: Painted concrete block and acoustical block, ceramic tile in showers.

Ceilings: Painted acoustical metal deck in fieldhouse, 2 x 2 lay-in acoustical panels, painted drywall.

HVAC: Overhead air heating and ventilating system from existing boiler.

Electrical: Metal halide lighting in fieldhouse, flourescent lighting elsewhere.

Special Equipment Motor operated movable panel partition securing gymnastics area, wall mounted and portable bleachers, backboards, volleyball standards, mesh dividing curtains, baseball batting enclosures, field equipment, Project Adventure, gymnastics equipment, hoist to mezzanine storage.


X-3
EXISTING HANNON HALL GYMNASIUM / AUDITORIUM
PROPOSED GYMNASIUM
ROLL-UP CURTAIN DIVIDER
BLEACHER SEATING FOR 600
STORAGE
MECH. SHAFT
REFRESHMENT STAND
ELECTRICAL / MECHANICAL EQUIPMENT
dn
MECHANICAL EQUIPMENT MEZZANINE PLAN
CORRIDOR
LOBBY
JAN.
HALL
ELEV.
ENTRANCE
BATHING
NURSES STATION
KITCHEN
EXISTING INFIRMARY
WOMENS TOILET
MENS TOILET
FOYER
FOYER
6 BED WARD
4 BED WARD
2 BED WARD
6 BED WARD
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5
10
FIRST FLOOR PLAN
GYMNASIUM ADDITION
WISCONSIN SCHOOL FOR THE DEAF
DELAVAN, WISCONSIN
BALESTRIERI-KEHOE
AND ASSOCIATES, INC.
ARCHITECTS-ENGINEERS
ELKHORN, WISCONSIN
MILWAUKEE, WISCONSIN
8823
3/13/89
X-3

FIRST FLOOR PLAN

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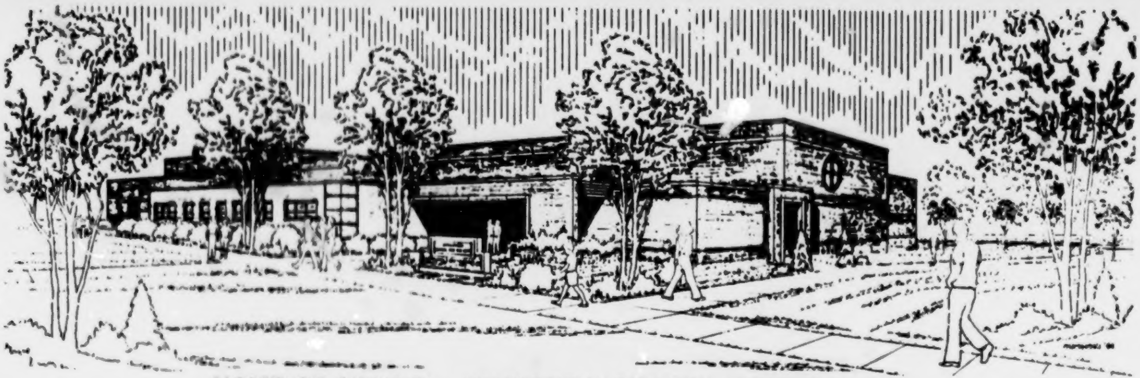


NAME OF SCHOOL: WISCONSIN SCHOOL FOR THE DEAF
DELAVAN, WISCONSIN

GENERAL INFORMATION

Owner: State of Wisconsin

Architect: Balestrieri-Kehoe & Assoc., Inc.
414-723-2660

Date Project Approved by S.D: November 1988
Date Construction Start: May 1990
Date Construction Completion: May 17, 1991

Contractor: Magill Construction Co. Inc.
414-723-2283

Costs:	**Construction:**	$1,553,360.00
	Site Work:	258,770.00
	Equipment:	200,000.00
	TOTAL:	$2,012,130.00

Area: Site:
Building: 23,000 sq. ft. new
15,000 sq. ft. remodeled

Cost per Sq. Ft.: $52.95

PROJECT DESCRIPTION: Gymnasium addition, handicapped access to five floor levels, remodeling of existing building for boys locker room, classrooms and infirmary. Addition includes gymnasium with seating for four hundred, girls locker room, concessions, storage and toilets, five stop elevator enclosure and stair.

FEATURES

Site Development: Relocation of campus steam condensate, primary electric, water, sewers, with a utility tunnel for utility extensions. Demolition of existing building.

Floors: Concrete slab on grade and precast concrete.

Exterior Walls: Face brick, ridge insulation, concrete block back-up.

Interior Walls:. Concrete block.

Windows: Aluminum double hung with insulated glass.

Roof: Ballasted single ply, rigid insulation, metal deck, steel joists.

Floor Finishes: Maple gymnasium floor, resilient tile corridors and classrooms, ceramic tile toilet, shower and locker rooms.

Base: Vinyl corridors and classrooms, ceramic tile toilets and shower rooms, steel angle at gymnasium.

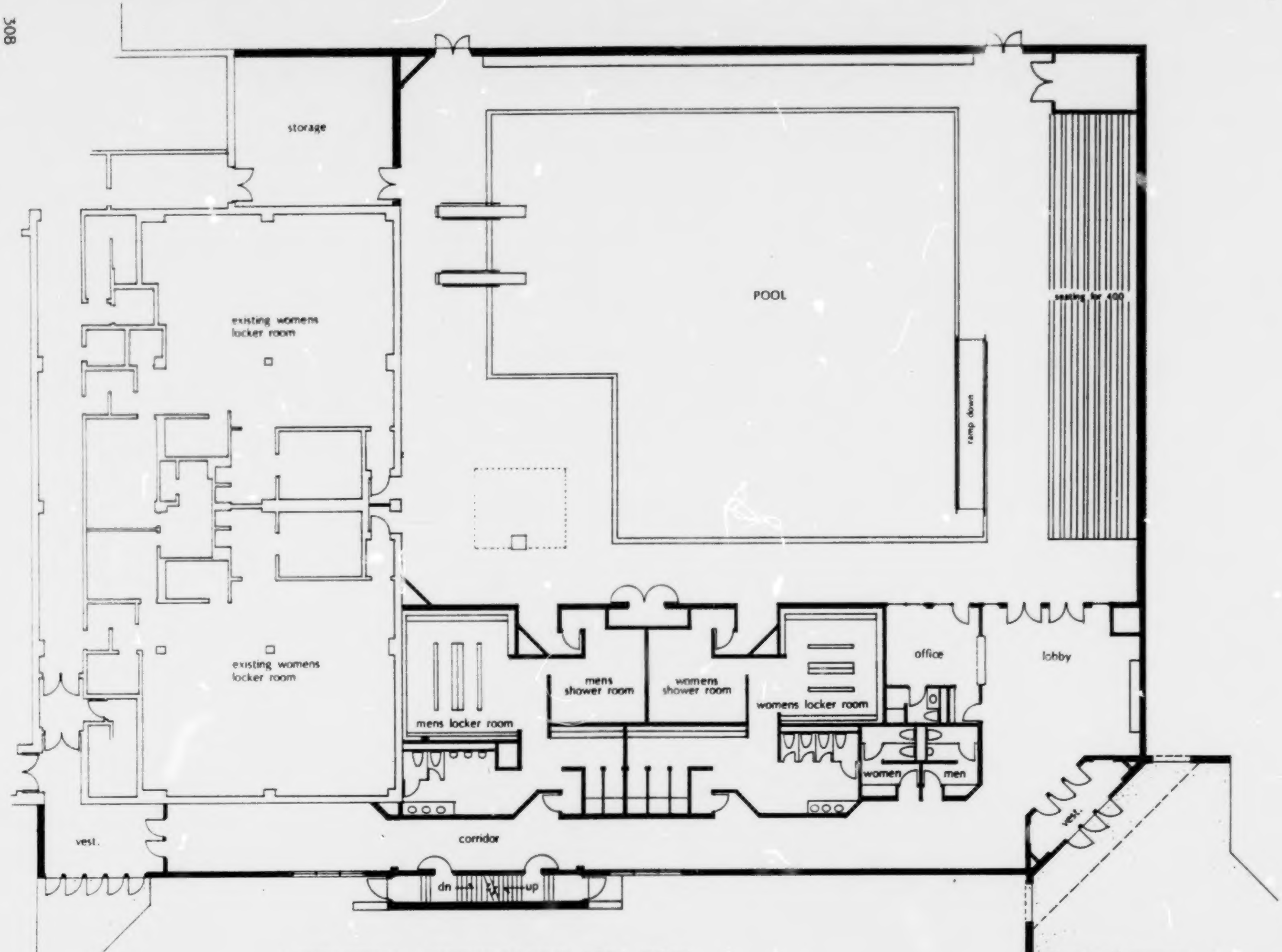
Walls: Painted concrete block.

Ceilings: Exposed in gymnasium - suspended acoustical in classrooms, corridors - plaster in shower and toilets, exposed plank in locker rooms.

HVAC: Steam service from existing central heating plant, with air handling units for various areas.

Electrical: Hid lighting gymnasium, florescent elsewhere.

Special Equipment: Bleacher seating for four hundred. Visual fire alarm and tornado alert system for deaf students - five stop handicap elevator.


storage
POOL
seating for 400
ramp down
existing womens locker room
existing womens locker room
mens locker room
mens shower room
womens shower room
womens locker room
office
lobby
women
men
vest.
corridor
dn
up
vest.

MIDDLETON - CROSS PLAINS AREA POOL

Middleton, Wisconsin

Potter Lawson

Middleton-Cross Plains Indoor Swimming Pool

Owner: Middleton-Cross Plains Area School District
Eugene Thieleke, District Administrator

Architect: Potter Lawson
Architects Engineers Interiors
608/274-2741

Date Project Approved by S.D.: January 1989
Date Construction Start: August 1989
Date Construction Completion: August 1990

Contractor: J.H. Findorff & Son

Construction Cost: $1,879,800

Building Area: 23,000 sf

Cost/Sq. Ft.: $81.73

Project Description: This facility utilizes a state-of-the-art water treatment system that virtually eliminates chlorine odor and keeps the water crystal clear. The pool was designed so it can be used as a teaching station during school hours, or closed off and used as a separate facility by the community during after-school hours.

Special features include a handicap access ramp, "L" shaped configuration that allows for either 25 yard or 25 meter lap swimming, spectator seating for 400, and diving well with two 1 meter spring boards.

Features

Site Development: Minimal.

Floors: 1 story plus mechanical mezzanine.

Exterior Walls: Brick

Interior Walls: Painted CMU.

Windows: Aluminum storefront.

Roof: I.R.M.A. (double membrane)

Floor Finishes: Ceramic tile and VCT.

Base: Ceramic tile and vinyl.

Walls: Epoxy paint on CMU.

Ceilings: Plaster and W.R. lay-in 2 x 4 with aluminum grid.

HVAC: Air to air heat exchangers.

Special Equipment Ionization water purification system.